RADIO TEST REPORT

Report No.: SHATBL2212015W04

Applicant

Third Reality, Inc.

Address

NO.9 Nanxu Road,RunZhou District,Zhenjiang,Jiangsu,China

Product Name	:	Sensi V3
Brand Name	:	N/A
Model Name	:	3RSV03029BWU
Series Model	:	N/A
FCC ID	:	2AOCT-3RSV03029BWU
Test Standard	:	FCC Part15.247

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TEST RESULT CERTIFICATION

Applicant's Name.....: Third Reality, Inc

Address..... : NO.9 Nanxu Road,RunZhou District,Zhenjiang,Jiangsu,China

Manufacturer's Name.....: Third Reality, Inc

Address..... : NO.9 Nanxu Road,RunZhou District,Zhenjiang,Jiangsu,China

Product Description

Product Name..... : Sensi V3

Brand Name.....: N/A

Model Name..... : 3RSV03029BWU

Series Model.....: N/A

Test Standards..... : FCC Part15.407

Test Procedure.....: ANSI C63.10-2013

This device described above has been tested by ATBL, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test..... :

Date of receipt of test item.....: 2022-12-09

Date (s) of performance of tests.....: 2022-12-12 ~ 2023-01-12

Date of Issue.....: 2023-01-13

Test Result..... : **Pass**

Report Prepared by :

(Jack Suo)

Report Approved by :

(Ghost Li)

Authorized Signatory :

(Terry Yang)

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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	2023-01-13	SHATBL2212015W04	ALL	Initial Issue

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

§ 15.407,KDB789033 D02 General U-NII Test Procedures New Rules v02r01

FCC Part15.407		
FCC standard	Test Item	Results
15.207	AC Conducted Emission	PASS
15.407 (a) /15.407 (e)	26dB/6dB&99% Bandwidth	PASS
15.407(a)	Maximum Conducted Output Power	PASS
15.407(b)/15.205/15.209	Radiated Emission And (Band edge Emissions) Measurement	PASS
15.407(a)	Power Spectral Density	PASS
15.407(c)	Automatically Discontinue Transmission	PASS
15.203	Antenna Requirement	PASS

REMARKS:

(1) 'N/A' denotes test is not applicable in this Test Report.

(2) All tests are according to ANSI C63.10-2013.

2. GENERAL INFORMATION

2.1. GENERAL DESCRIPTION OF THE EUT

Product Name	Sensi V3	
Trade Name	N/A	
Model Name	3RSV03029BWU	
Series Model	N/A	
Model Difference	N/A	
Product Description	The EUT is Sensi V3	
	Operation Frequency:	U-NII-1:5150MHz - 5250MHz U-NII-2A:5250MHz - 5350MHz U-NII-2C:5470MHz - 5725MHz U-NII-3:5725MHz - 5850MHz
	Wireless Mode:	802.11a,802.11n(HT),802.11ac(VHT)
	Supported Bandwidth	20MHz,40MHz,80MHz
	Modulation Type	OFDM:(BPSK,QPSK,16-QAM,64-QAM) OFDM:(BPSK,QPSK,16-QAM,64-QAM,256QAM)
	Antenna Designation:	Chip ANT
	Max.Output Power(Conducted):	2.62dBm
	Duty Cycle:	>98%
	More details of EUT technical specification, please refer to the User's Manual.	
Channel List	Please refer to the REMARK 2.	
Adapter	Model:MF-05001000SA1 Brand:Moveforest Input:100~240V~50/60Hz 0.4A Output:DC5V/1A	
Battery	N/A	
Hardware version number	MB0.3+ DB0.2	
Software version number	00.12.06	
Connecting I/O Port(s)	Please refer to the REMARK 1.	

REMARKS:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.

2.

Channel List for 802.11a/n/ac(20MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	44	5220	48	5240
52	5260	56	5280	60	5300	64	5320
100	5500	104	5520	108	5540	112	5560
116	5580	120	5600	124	5620	128	5640
132	5660	136	5680	140	5700	149	5745
153	5765	157	5785	161	5805	165	5825

Channel List for 802.11n/ac/ax(40MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	46	5230	54	5270	62	5310
102	5510	110	5550	118	5590	126	5630
134	5670	151	5755	159	5795	--	--

Channel List for 802.11ac/ax(80MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	58	5290	106	5530	122	5610
155	5775	/	/	/	/	/	/

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Carrier Frequency Channel

5GHz:

Channel List for 802.11a/n/ac (20MHz)		
Frequency Band	Channel	Test Frequency (MHz)
Band I	CH 36	5180
Band I	CH 40	5200
Band I	CH 48	5240
Band II	CH 52	5260
Band II	CH 60	5300
Band II	CH 64	5320
Band III	CH 100	5500
Band III	CH 116	5580
Band III	CH 140	5700
Band Ⅳ	CH 149	5745
Band Ⅳ	CH 157	5785
Band Ⅳ	CH 165	5825

Channel List for 802.11 n/ac (40MHz)		
Frequency Band	EUT Channel	Test Frequency (MHz)
Band I	CH 38	5190
Band I	CH 46	5230
Band II	CH 54	5270
Band II	CH 62	5310
Band III	CH 102	5510
Band III	CH 110	5550
Band III	CH 134	5670
Band Ⅳ	CH 151	5755
Band Ⅳ	CH 159	5795

Channel List for 802.11ac(80MHz)		
Frequency Band	EUT Channel	Test Frequency (MHz)
Band I	CH 42	5210
Band II	CH 58	5290
Band III	CH 106	5530
Band III	CH 122	5610
Band Ⅳ	CH 155	5775

3.

Ant.	Antenna Type	Connector	Gain (dBi)	REMARK
0	Chip ANT	N/A	2.62	WLAN ANT

2.2. DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11a CH36&CH40&CH48	6 Mbps
Mode 2	TX IEEE 802.11a CH52&CH60&CH64	6 Mbps
Mode 3	TX IEEE 802.11a CH100&CH116&CH140	6 Mbps
Mode 4	TX IEEE 802.11a CH149&CH157&CH165	6 Mbps
Mode 5	TX IEEE 802.11n20 CH36&CH40&CH48	MCS 0
Mode 6	TX IEEE 802.11n20 CH52&CH60&CH64	MCS 0
Mode 7	TX IEEE 802.11n20 CH100&CH116&CH140	MCS 0
Mode 8	TX IEEE 802.11n20 CH149&CH157&CH165	MCS 0
Mode 9	TX IEEE 802.11n40 CH38&CH46	MCS 0
Mode 10	TX IEEE 802.11n40 CH54&CH62	MCS 0
Mode 11	TX IEEE 802.11n40 CH102&CH110&CH134	MCS 0
Mode 12	TX IEEE 802.11n40 CH151&CH159	MCS 0
Mode 13	TX IEEE 802.11ac20 CH36&CH40&CH48	MCS 0
Mode 14	TX IEEE 802.11ac20 CH52&CH60&CH64	MCS 0
Mode 15	TX IEEE 802.11ac20 CH100&CH116&CH140	MCS 0
Mode 16	TX IEEE 802.11ac20 CH149&CH157&CH165	MCS 0
Mode 17	TX IEEE 802.11ac40 CH38&CH46	MCS 0
Mode 18	TX IEEE 802.11ac40 CH54&CH62	MCS 0
Mode 19	TX IEEE 802.11ac40 CH102&CH110&CH134	MCS 0
Mode 20	TX IEEE 802.11ac40 CH151&CH159	MCS 0
Mode 21	TX IEEE 802.11ac80 CH42	MCS 0
Mode 22	TX IEEE 802.11ac80 CH58	MCS 0
Mode 23	TX IEEE 802.11ac80 CH106&CH122	MCS 0
Mode 24	TX IEEE 802.11ac80 CH155	MCS 0

Note:

(1) The measurements are performed at the highest, middle, lowest available channels.

(2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

(3) We have be tested for all available U.S. voltage and frequencies(For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation.

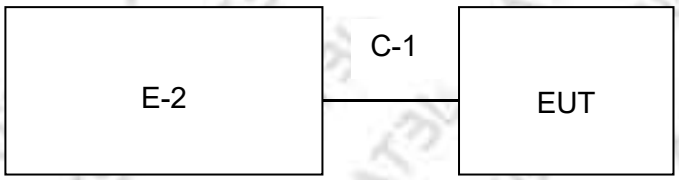
2.3. TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

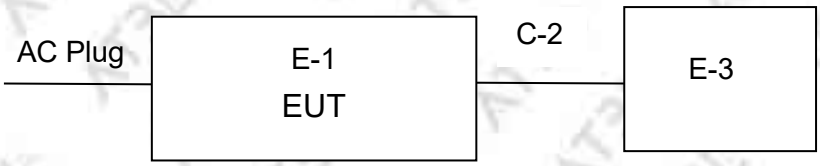
RF Function	Ant No.	Mode Or Modulation type	Ant Gain(dBi)	Power Class	Software For Testing
WIFI(5G)	0	802.11a	2.62	Auto	Provided by the customer
		802.11n20			
		802.11n40			
		802.11ac20			
		802.11ac40			
		802.11ac80			

2.4. BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test



Conducted Emission Test



2.5. DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-2	Adapter	Moveforest	MF-05001000SA1	N/A	N/A
C-1	USB	N/A	20cm	N/A	N/A

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-3	Notebook	Lenovo	DESKTOP-USDEO09	00326-10000-00000-AA636	N/A
C-3	USB	N/A	100cm	N/A	N/A

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

(2) For detachable type I/O cable should be specified the length in cm in『Length』column.

2.6. LABORATORY INFORMATION

Company Name:	Shanghai ATBL Technology Co., Ltd.
Address:	Building 8,No.160 Basheng Road,Waigaoqiao Free Trade Zone,Pudong New Area,Shanghai
Telephone:	+86(0)21-51298625
The FCC Registration Number (FRN):	0031025281
A2LA Number:	6184.01
CNAS Number:	CNAS L14531

2.7. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ±U**, where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	RF output power, conducted	±0.958dB
2	Conducted spurious emissions	±2.988dB
3	All emissions, radiated 30MHz-1GHz	±2.50dB
4	All emissions, radiated 1GHz-18GHz	±3.51dB
5	Occupied bandwidth	±23.20dB
6	Power spectral density	±0.886dB

2.8. EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Management number	Calibrated until
Test Receiver	R&S	ESCI	100469	SHATBL-E003	2023.05.20
Spectrum Analyzer	Agilent	N9020A	MY50200811	SHATBL-E017	2023.05.20
Loop Antenna	Daze	ZN30900C	20077	SHATBL-E042	2023.05.20
Bilog Antenna	SCHWARZBECK	VLUB 9168	01174	SHATBL-E008	2023.05.20
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	SHATBL-E009	2023.05.20
Horn Antenna(18-40G)	COM-POWER	AH-1840	10100008	SHATBL-E043	2023.05.20
Pre-Amplifier (0.1M-3GHz)	JPT	JPA-10M1G35	21010100035001	SHATBL-E005	2023.05.20
Pre-Amplifier (1G-18GHz)	JPT	JPA0118-55-303A	1910001800055000	SHATBL-E006	2023.05.20
Temperature & Humidity	DeLi	DeLi	N/A	SHATBL-E016	2023.05.20
Antenna/Turntable Controller	Brilliant	N/A	N/A	SHATBL-E007	N/A
Test SW	FALA	EMC-RI(Ver.4A2)		SHATBL-E046	N/A

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESPI	101679	SHATBL-E012	2023.05.20
LISN	R&S	ENV216	101300	SHATBL-E013	2023.05.20
LISN	R&S	ENV216	100333	SHATBL-E041	2023.05.20
Temperature & Humidity	DeLi	DeLi	N/A	SHATBL-E015	2023.05.20
Test SW	FALA	EZ-EMC(Ver.EMC-CON3A1.1)		SHATBL-E044	N/A

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Serial No.	Management number	Calibrated until
MIMO Power measurement test Set	DARE	RPR3006W	16I00054SN016	SHATBL-W006	2023.09.27
			RPR6W-20001005	SHATBL-W013	2023.09.27
Signal Analyzer	R&S	FSP40	100626	SHATBL-W041	2023.05.28
Signal Generator	Agilent	N5182B	MY46240556	SHATBL-W005	2023.09.27
Wireless Communications Test Set	R&S	CMW500	101331	SHATBL-W007	2023.09.27
Temperature & Humidity	Deli	deli	N/A	SHATBL-W011	2023.09.27
Attenuator	Agilent	8494B	DC-18G	SHATBL-W009	2023.09.27
Attenuator	Agilent	8496B	DC-18G	SHATBL-W010	2023.09.27
power splitter	MNK	MPD-DC/6-2S	62315 G51	SHATBL-W015	2023.09.27
			62315 G52	SHATBL-W016	2023.09.27
Filter	Chengdu kangmaiwei	ZBSF-C2400-2483.5-T3	N/A	SHATBL-W021	N/A
		ZBSF-C5150-5350-T5	N/A	SHATBL-W022	2023.01.25
		ZBSF-C5725-5850-T5	N/A	SHATBL-W024	N/A
Constant temperature and humidity box	KSON	THS-B6C-150	6159K	SHATBL-W019	2023.01.17
Test SW	FALA	LZ-RF(Ver.LzRF-03A3.1)		SHATBL-W020	N/A

3. EMC EMISSION TEST

3.1. CONDUCTED EMISSION MEASUREMENT

3.1.1. POWER LINE CONDUCTED EMISSION LIMITS

FREQUENCY (MHz)	Class B (dBμV)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	56.00	46.00	CISPR
5.0 -30.0	60.00	50.00	CISPR

0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

(3)

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.1.2. TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

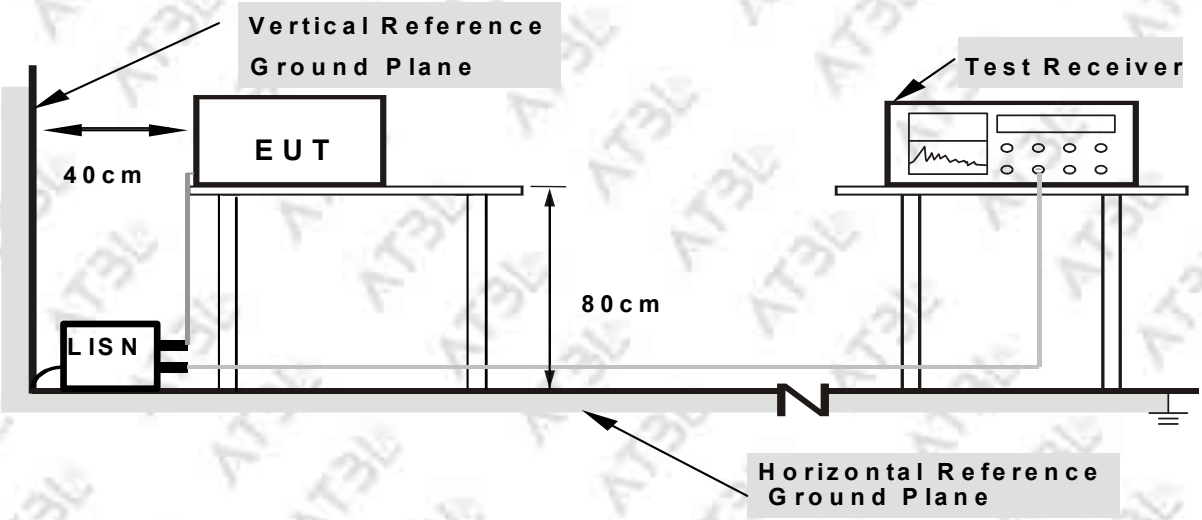
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3. DEVIATION FROM TESTS TANDARD

No deviation

3.1.4. TEST SETUP



Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5. EUT OPERATING CONDITIONS

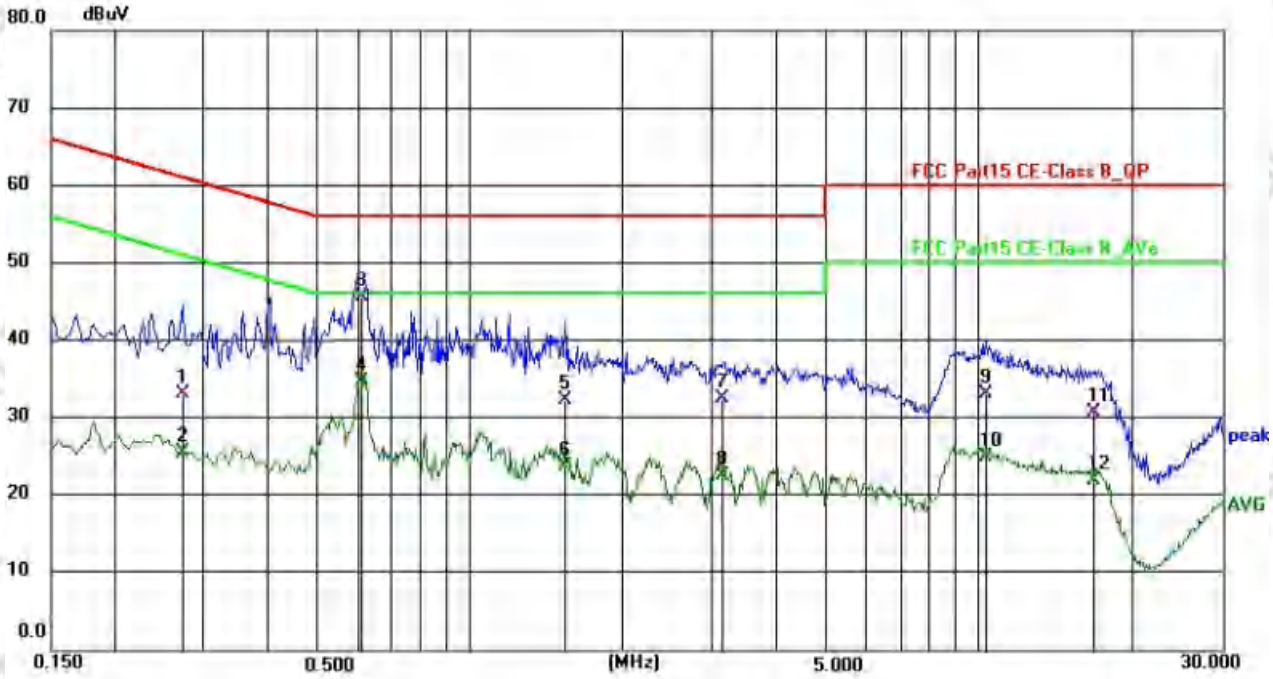
The EUT was configured for testing in a typical fashion (as a customer would normally use it).The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.6. TEST RESULTS

Temperature:			
Test Voltage:	23.4℃	Relative Humidity:	55%RH
Test Mode:	AC 120V/60Hz	Phase:	L
	Mode 25		

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.2717	22.43	10.72	33.15	61.07	-27.92	QP
2	0.2717	14.89	10.72	25.61	51.07	-25.46	AVG
3	0.6125	35.09	10.68	45.77	56.00	-10.23	QP
4	0.6125	24.12	10.68	34.80	46.00	-11.20	AVG
5	1.5380	21.48	10.76	32.24	56.00	-23.76	QP
6	1.5380	13.11	10.76	23.87	46.00	-22.13	AVG
7	3.1419	21.65	10.81	32.46	56.00	-23.54	QP
8	3.1419	11.71	10.81	22.52	46.00	-23.48	AVG
9	10.3175	22.49	10.62	33.11	60.00	-26.89	QP
10	10.3175	14.45	10.62	25.07	50.00	-24.93	AVG
11	16.8382	19.74	10.92	30.66	60.00	-29.34	QP
12	16.8382	11.10	10.92	22.02	50.00	-27.98	AVG

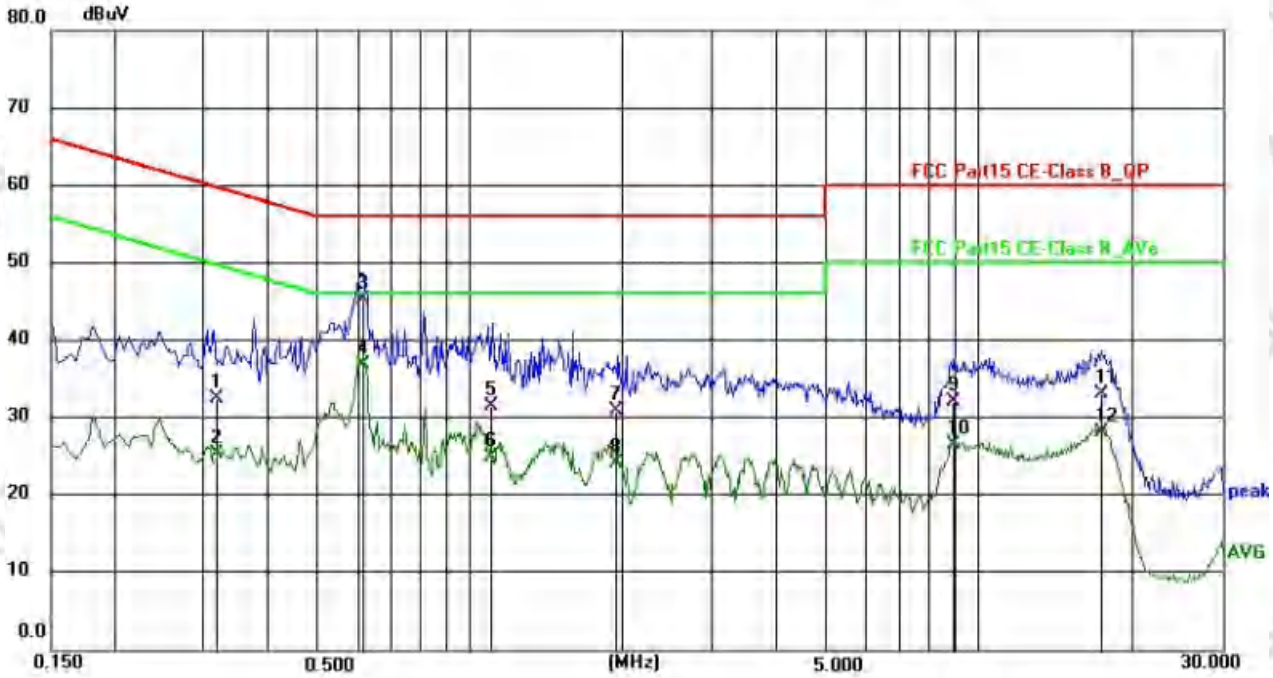
Remark:
1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result =Reading + Factor)–Limit.
3. Factor=LISN factor+Cable loss+Limiter (10dB)



Temperature:	23.4℃	Relative Humidity:	55%RH
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	Mode 25		

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.3194	22.12	10.33	32.45	59.72	-27.27	QP
2	0.3194	15.05	10.33	25.38	49.72	-24.34	AVG
3	0.6157	34.84	10.34	45.18	56.00	-10.82	QP
4	0.6157	26.65	10.34	36.99	46.00	-9.01	AVG
5	1.1031	21.21	10.37	31.58	56.00	-24.42	QP
6	1.1031	14.62	10.37	24.99	46.00	-21.01	AVG
7	1.9404	20.64	10.40	31.04	56.00	-24.96	QP
8	1.9404	13.85	10.40	24.25	46.00	-21.75	AVG
9	8.9108	21.85	10.36	32.21	60.00	-27.79	QP
10	8.9108	16.21	10.36	26.57	50.00	-23.43	AVG
11	17.4254	22.30	10.80	33.10	60.00	-26.90	QP
12	17.4254	17.36	10.80	28.16	50.00	-21.84	AVG

Remark:
1. All readings are Quasi-Peak and Average values.
2. Margin = Result (Result =Reading + Factor)–Limit.
3. Factor=LISN factor+Cable loss+Limiter (10dB)



3.2. RADIATED EMISSION MEASUREMENT

3.2.1. RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.407(b)7& 15.205/209(a), then the (a); limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Limits Of Radiated Emission Measurement (Above 1000Mhz)

FREQUENCY (MHz)	Class B (dBμV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	68.2	54

Note:

(1) The limit for radiated test was performed according to FCC PART 15E.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBμV/m)=20log Emission level (μV/m).

Spectrum Parameter	**Setting**
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier harmonic(Peak/AV)
RB / VB (emission in restricted band)	1MHz / 1MHz, AV=1 MHz /3MHz

For Band edge

Spectrum Parameter	Setting
Detector	Peak
RB / VB (emission in restricted band)	1MHz / 1MHz, AV=1 MHz /3 MHz

Receiver Parameter	**Setting**
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2. TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.

b. The EUT was placed on the top of a rotating table 0.8 meters(above 1GHz is 1.5 m) above the ground at a 3 meter an echoic chamber.The table was rotated 360 degrees to determine the position of the highest radiation.

c. The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization of the antenna are set to make the measurement

d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.

e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.

f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

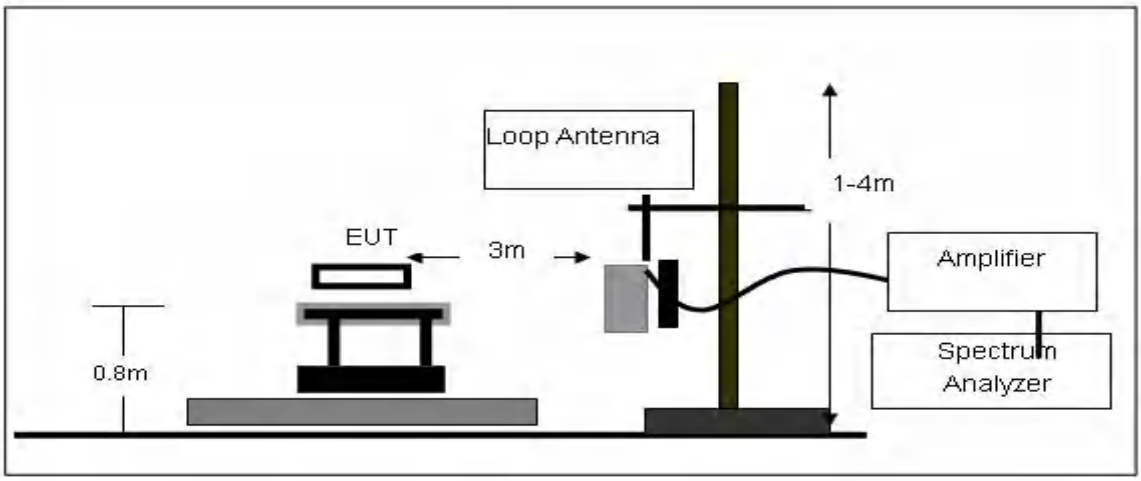
Both horizontal and vertical antenna polarities were tested and performed test to three orthogonal axis. The worst case emissions were reported

3.2.3. DEVIATION FROM TEST STANDARD

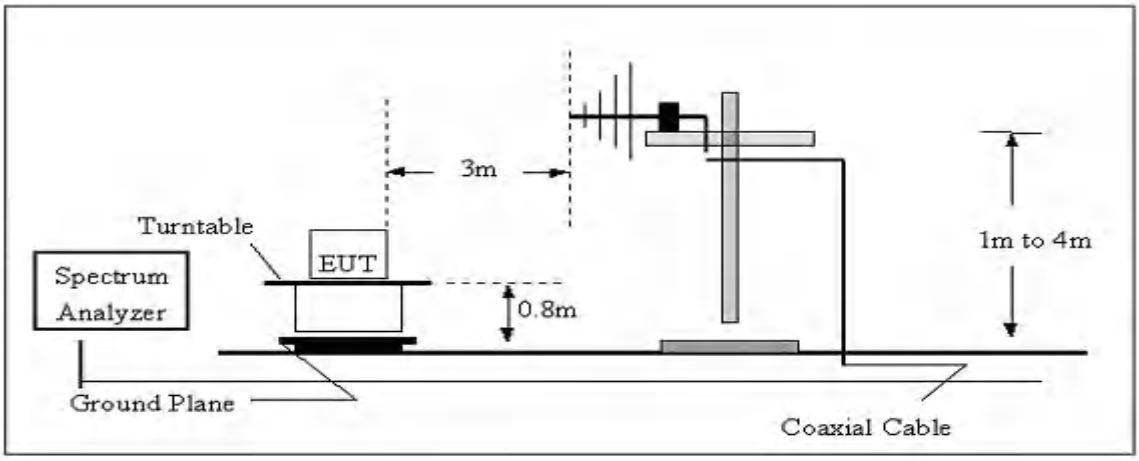
No deviation

3.2.4. TEST SETUP

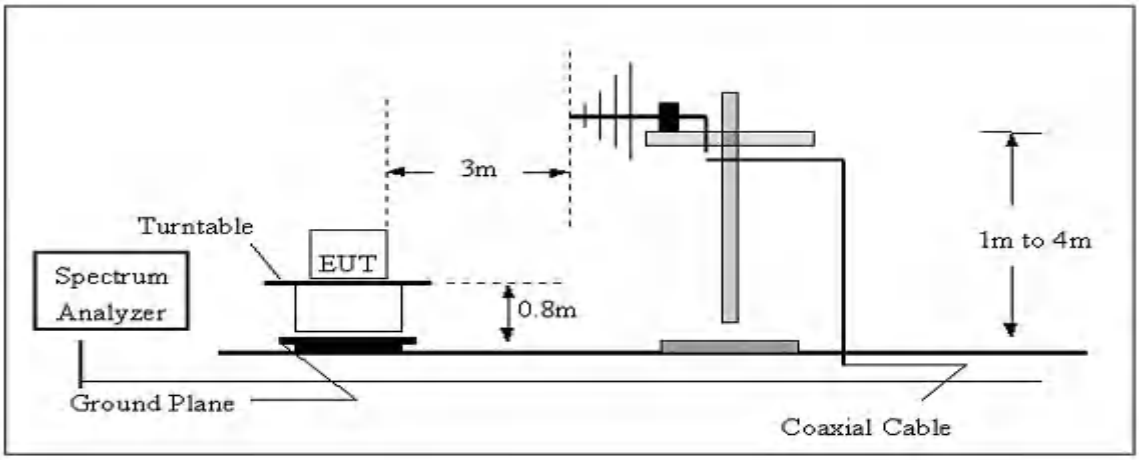
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5. EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.6. FIELDS TRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

Factor=AF + CL - AG

3.2.7. TEST RESULTS

3.2.7.1. FOR RADIATED SPURIOUS EMISSIONS

9kHz~30MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Polarization:	--
Test Mode:	TX Mode		

REMARK:

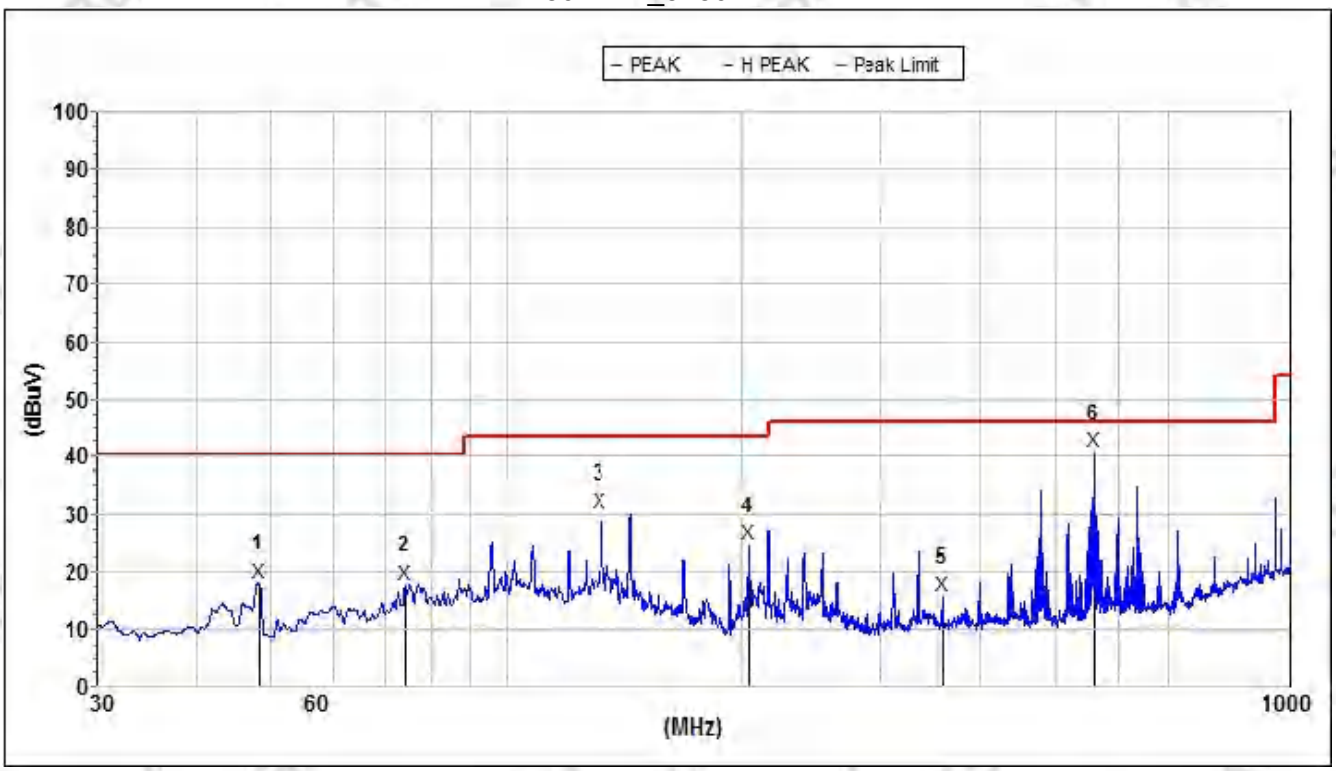
The measured value have enough margin over 20dB than the limit, therefore they are not reported.

30MHz - 1GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 1		

802.11a_5180MHz

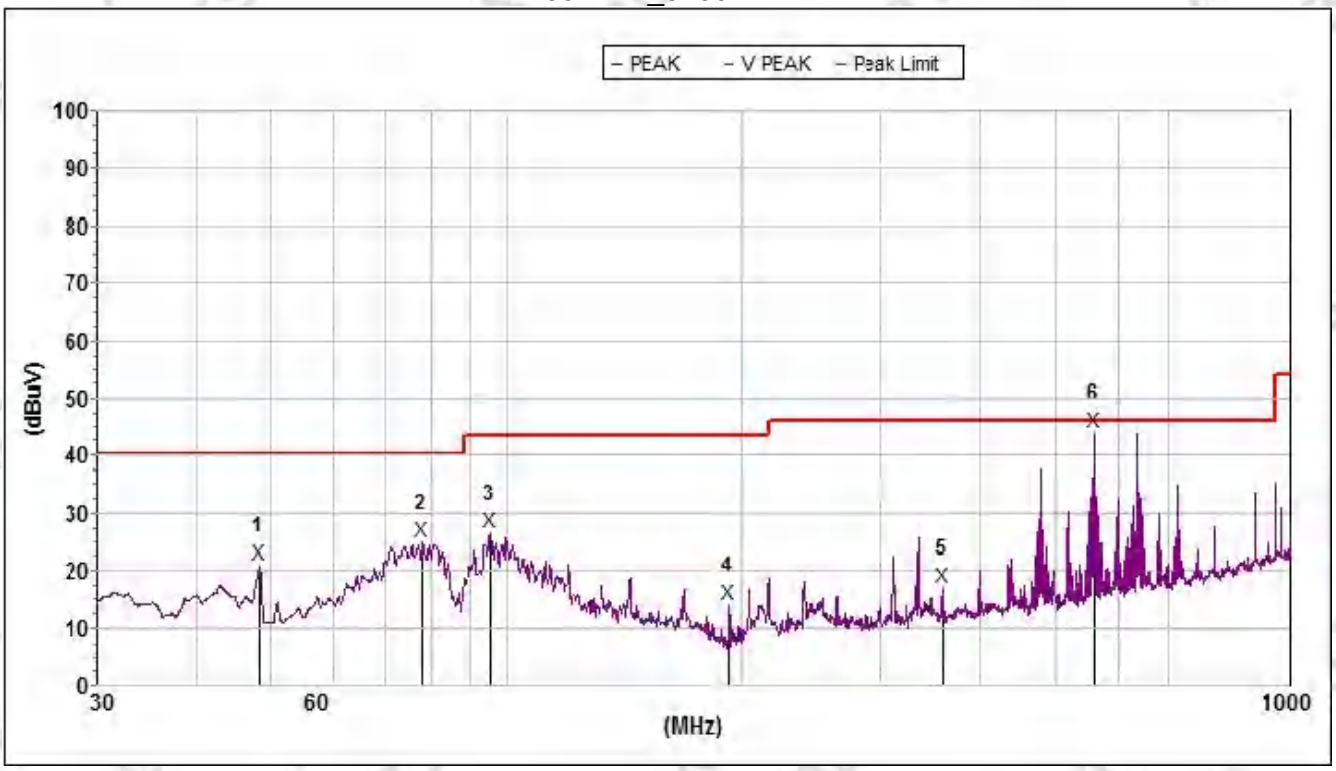


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	18.2	40.0	21.8	13.6	32.6	0.8	H
2	74.005250	17.9	40.0	22.1	10.2	32.9	0.9	H
3	131.757724	30.1	43.5	13.4	12.9	32.9	1.4	H
4	203.879936	24.6	43.5	18.9	10.0	32.8	2.4	H
5	359.186005	15.9	46.0	30.1	13.5	32.5	2.7	H
6	559.710646	40.7	46.0	5.3	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 1		

802.11a_5180MHz

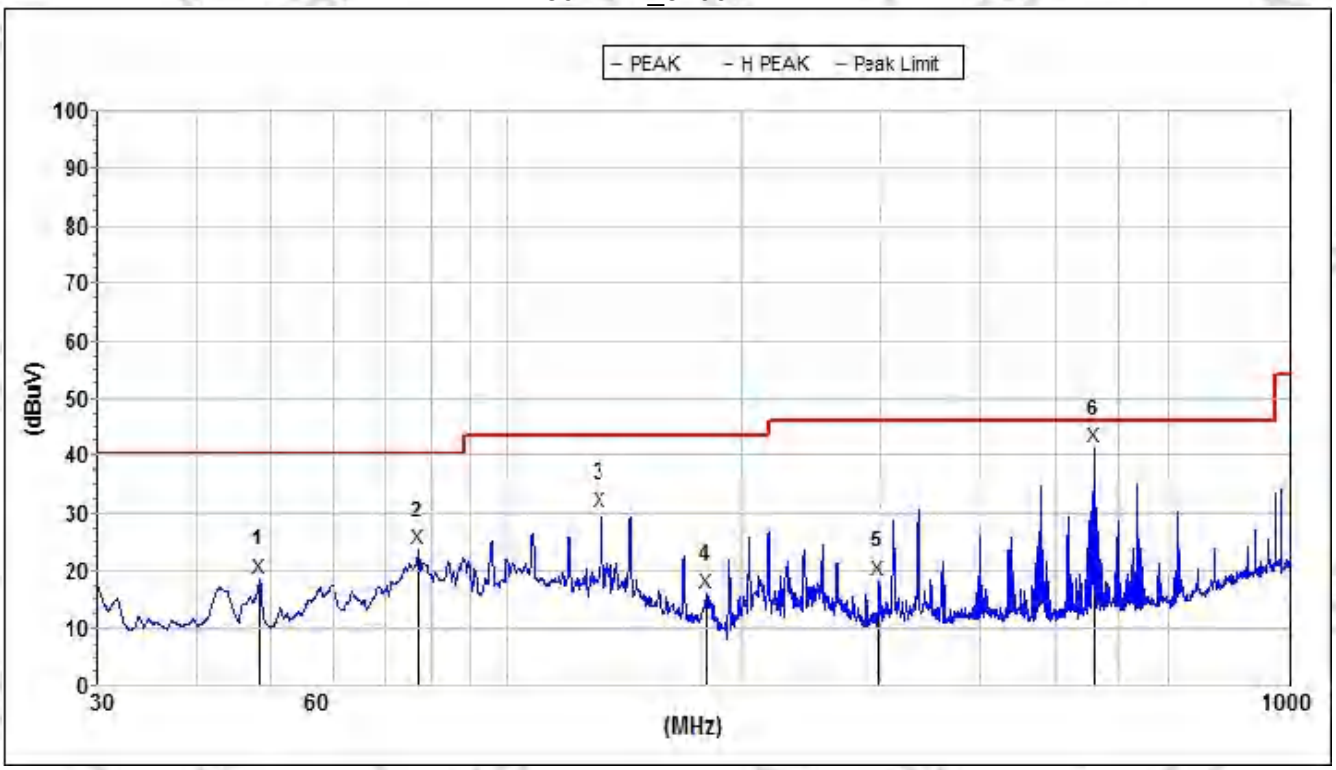


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	21.2	40.0	18.8	13.6	32.6	0.8	V
2	78.001995	25.1	40.0	14.9	9.6	32.9	0.9	V
3	95.426993	26.5	43.5	17.0	9.8	32.9	1.3	V
4	191.745028	14.2	43.5	29.3	10.4	32.8	2.2	V
5	359.186005	17.0	46.0	29.0	14.0	32.5	2.7	V
6	559.710646	44.2	46.0	1.8	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 1		

802.11a_5200MHz

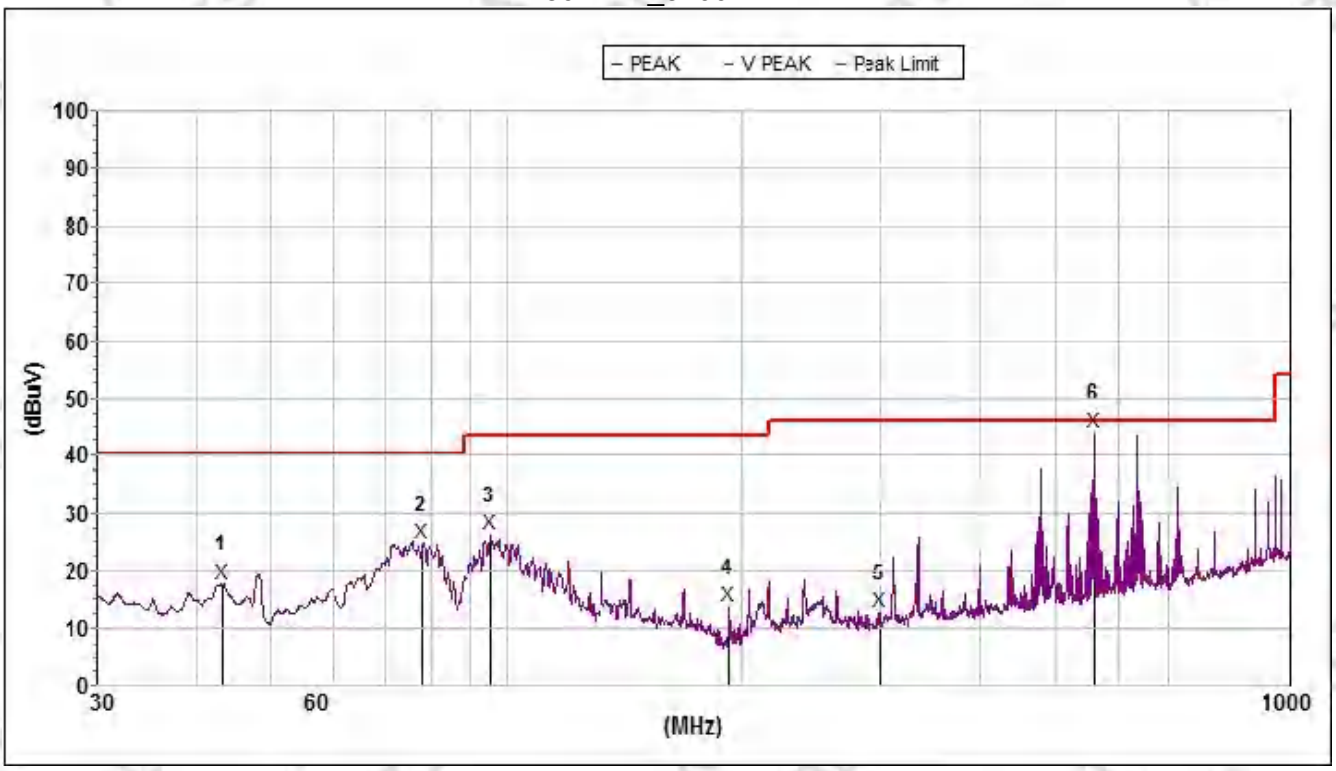


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.416591	18.6	40.0	21.4	13.6	32.6	0.8	H
2	76.915558	23.6	40.0	16.4	9.8	32.9	0.9	H
3	131.757724	30.1	43.5	13.4	12.9	32.9	1.4	H
4	179.701149	16.1	43.5	27.4	11.7	32.8	1.9	H
5	298.791523	18.4	46.0	27.6	12.8	32.7	2.7	H
6	559.710646	41.3	46.0	4.7	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 1		

802.11a_5200MHz

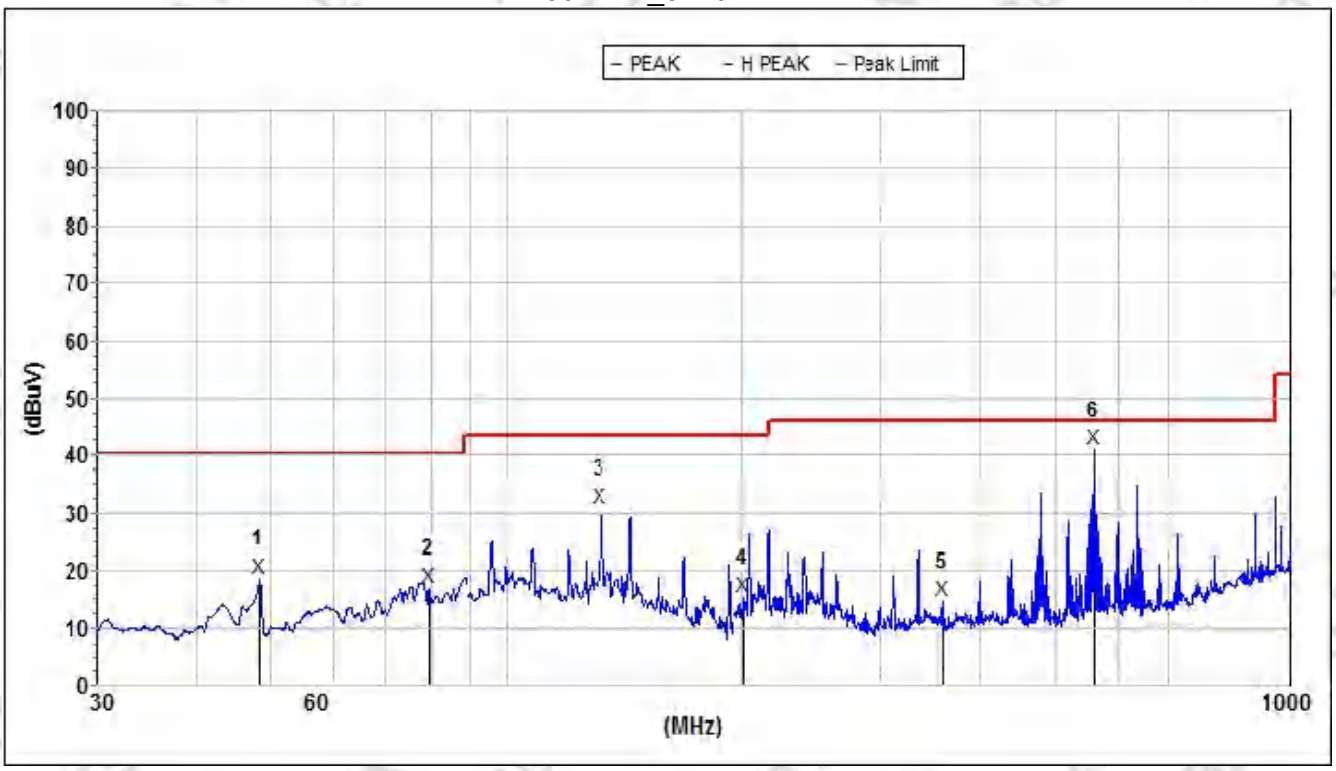


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.429513	17.8	40.0	22.2	13.9	32.5	0.8	V
2	78.001995	24.7	40.0	15.3	9.6	32.9	0.9	V
3	95.426993	26.4	43.5	17.1	9.8	32.9	1.3	V
4	191.409140	13.8	43.5	29.7	10.4	32.8	2.2	V
5	299.315848	12.7	46.0	33.3	12.8	32.7	2.7	V
6	559.710646	44.1	46.0	1.9	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 1		

802.11a_5240MHz

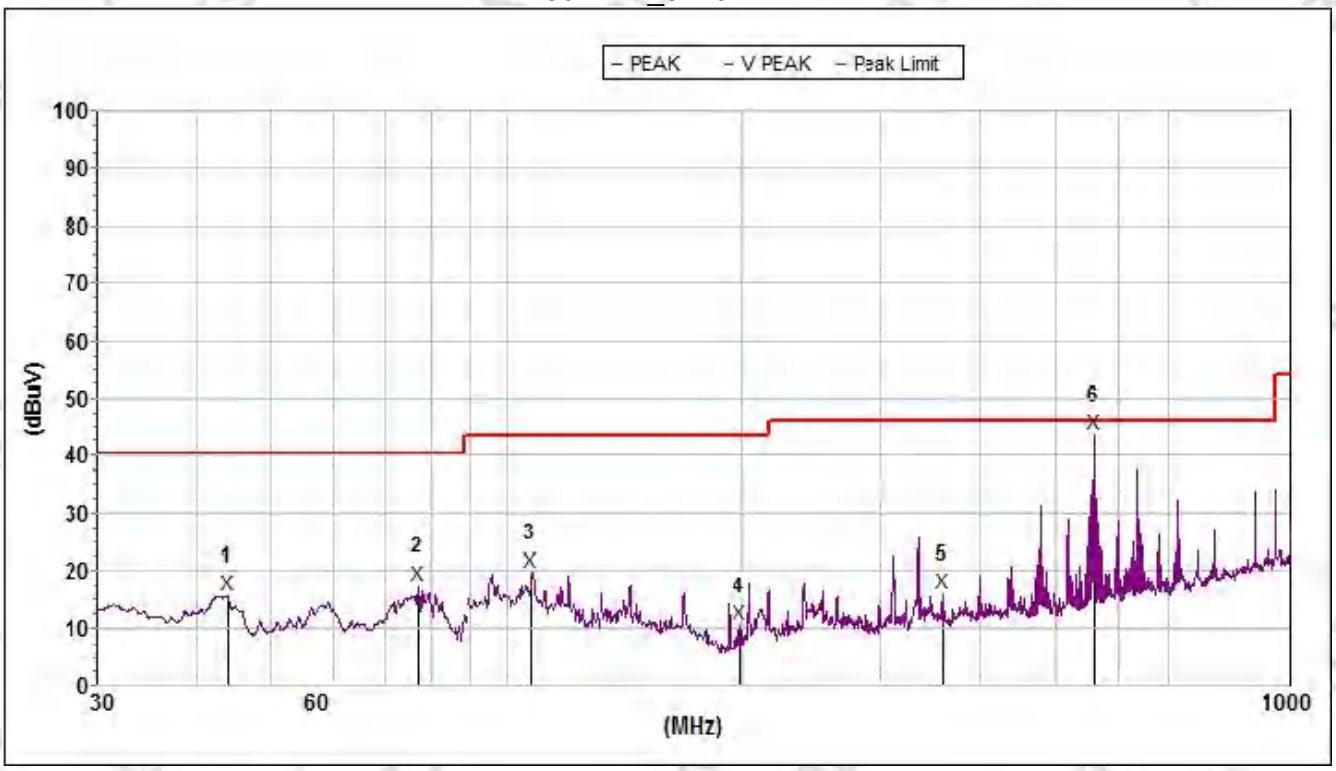


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.416591	18.7	40.0	21.3	13.6	32.6	0.8	H
2	79.381647	17.1	40.0	22.9	9.4	32.9	0.9	H
3	131.757724	31.0	43.5	12.5	12.9	32.9	1.4	H
4	200.688060	15.4	43.5	28.1	9.9	32.8	2.4	H
5	359.186005	14.7	46.0	31.3	13.5	32.5	2.7	H
6	559.710646	41.0	46.0	5.0	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 1		

802.11a_5240MHz

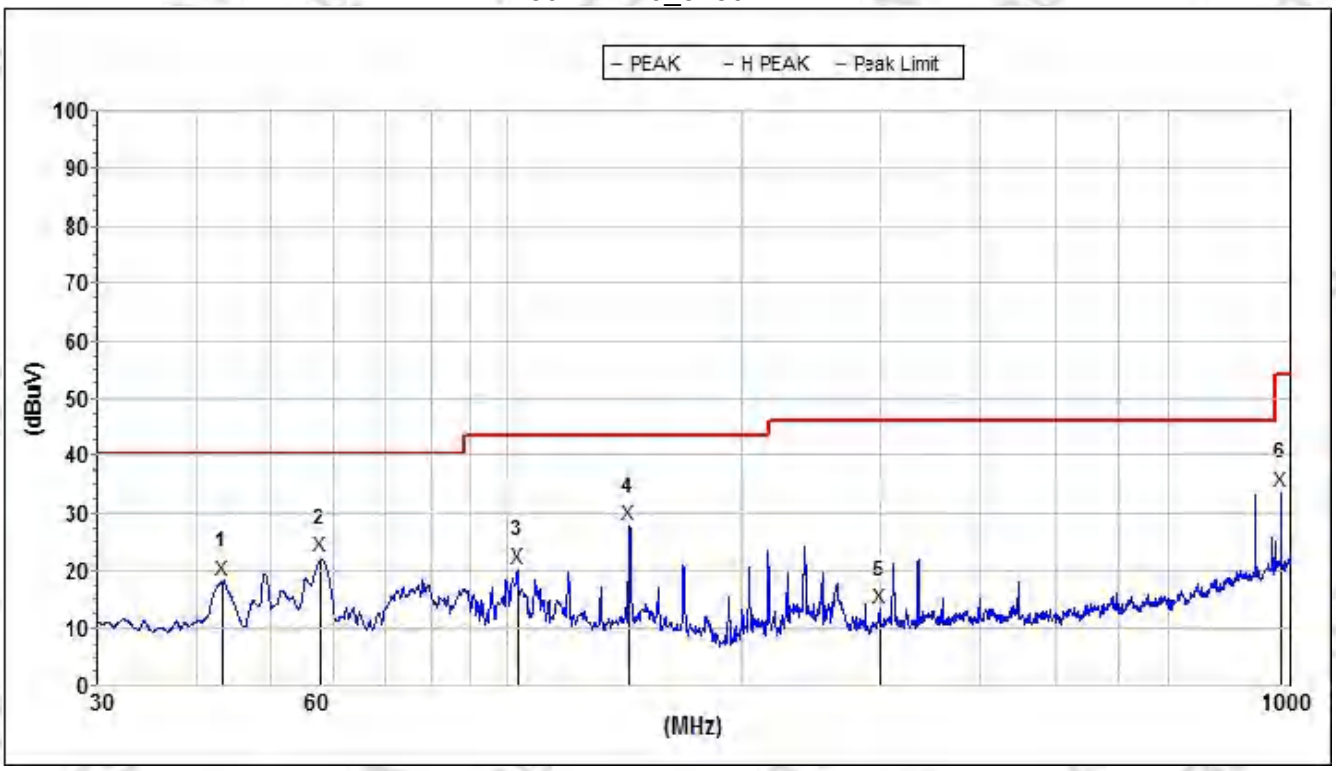


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	44.042958	15.7	40.0	24.3	13.9	32.5	0.8	V
2	76.915558	17.4	40.0	22.6	9.8	32.9	0.9	V
3	107.510063	19.8	43.5	23.7	10.9	32.9	1.4	V
4	198.936438	10.4	43.5	33.1	10.0	32.8	2.3	V
5	359.186005	16.1	46.0	29.9	14.0	32.5	2.7	V
6	559.710646	43.7	46.0	2.3	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 5		

802.11n20_5180MHz

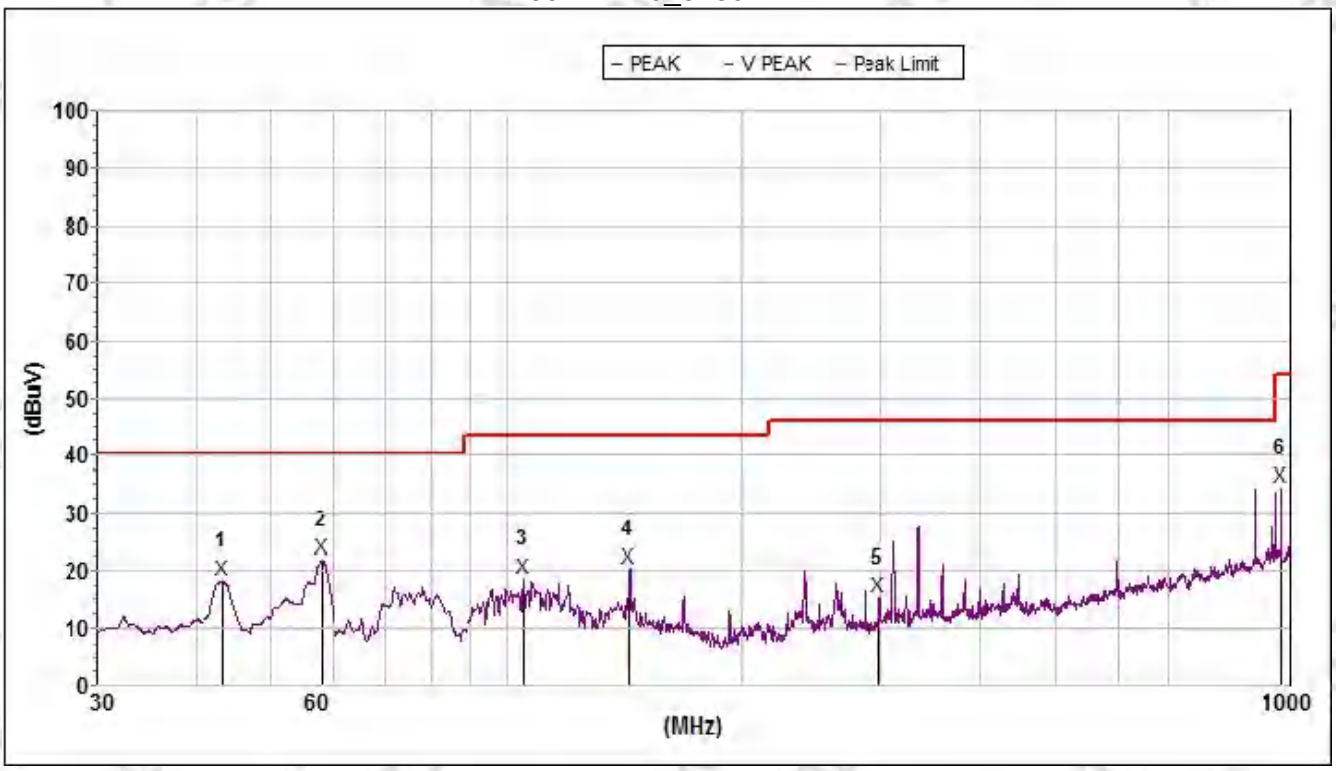


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	43.505724	18.5	40.0	21.5	13.9	32.5	0.8	H
2	57.593928	22.3	40.0	17.7	12.9	32.7	0.8	H
3	103.080039	20.5	43.5	23.0	10.5	32.9	1.4	H
4	143.326064	27.8	43.5	15.7	13.7	32.9	1.3	H
5	299.315848	13.5	46.0	32.5	12.8	32.7	2.7	H
6	974.043628	34.0	54.0	20.0	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 5		

802.11n20_5180MHz

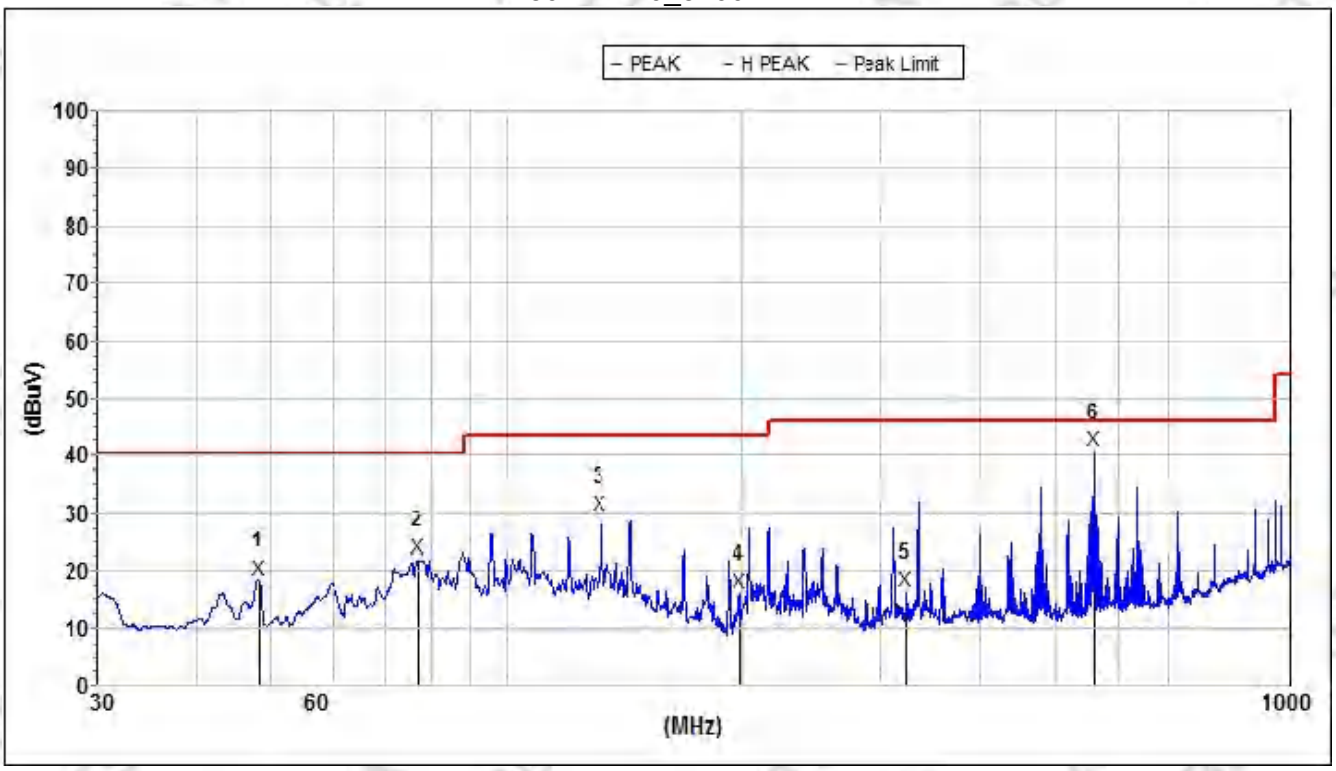


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.505724	18.3	40.0	21.7	13.9	32.5	0.8	V
2	57.999261	21.9	40.0	18.1	12.9	32.7	0.8	V
3	105.087342	18.6	43.5	24.9	10.6	32.9	1.4	V
4	143.326064	20.3	43.5	23.2	13.7	32.9	1.3	V
5	298.791523	15.3	46.0	30.7	12.8	32.7	2.7	V
6	974.043628	34.5	54.0	19.5	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 5		

802.11n20_5200MHz

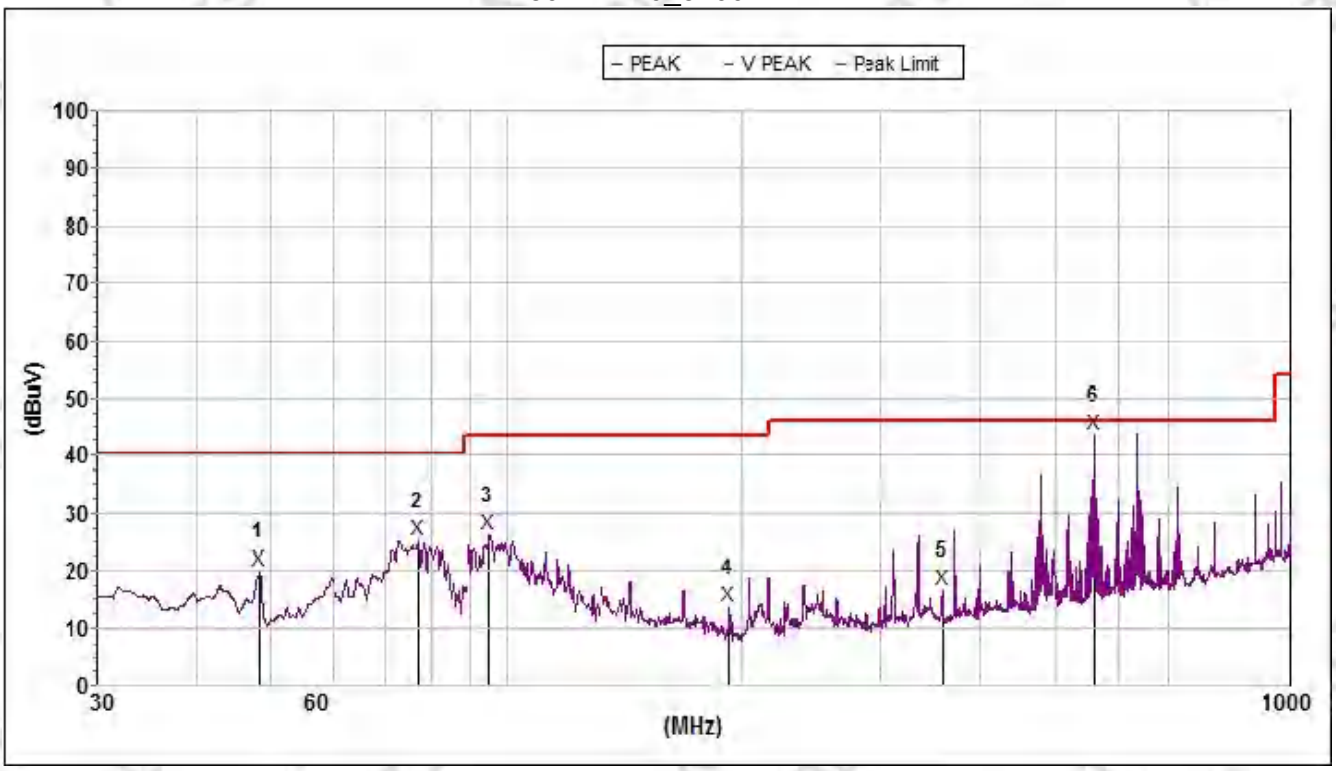


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.416591	18.5	40.0	21.5	13.6	32.6	0.8	H
2	76.915558	22.0	40.0	18.0	9.8	32.9	0.9	H
3	131.757724	29.5	43.5	14.0	12.9	32.9	1.4	H
4	198.240078	16.0	43.5	27.5	10.0	32.8	2.3	H
5	323.887721	16.5	46.0	29.5	13.1	32.6	2.7	H
6	559.710646	40.7	46.0	5.3	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 5		

802.11n20_5200MHz

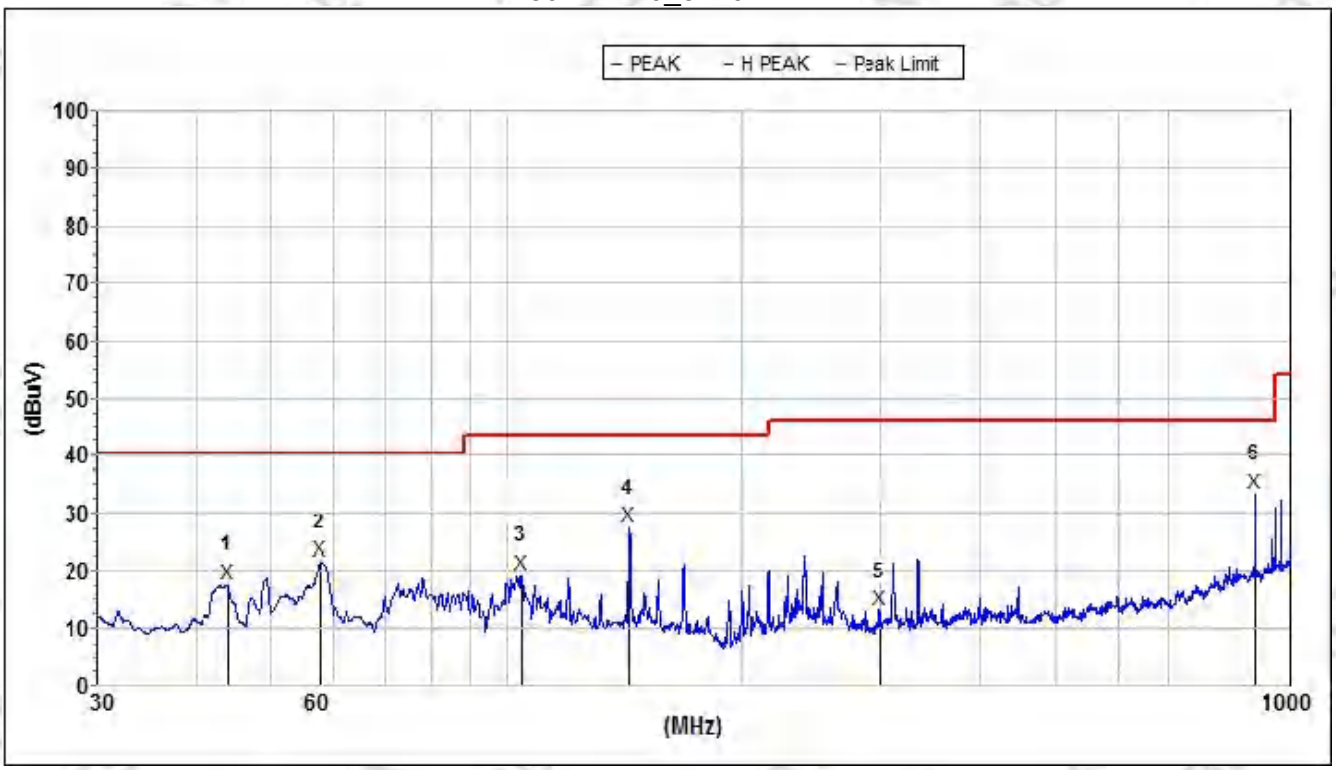


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	20.2	40.0	19.8	13.6	32.6	0.8	V
2	76.915558	25.2	40.0	14.8	9.8	32.9	0.9	V
3	94.926381	26.4	43.5	17.1	9.8	32.9	1.3	V
4	191.745028	13.9	43.5	29.6	10.4	32.8	2.2	V
5	359.186005	16.7	46.0	29.3	14.0	32.5	2.7	V
6	559.710646	43.7	46.0	2.3	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 5		

802.11n20_5240MHz

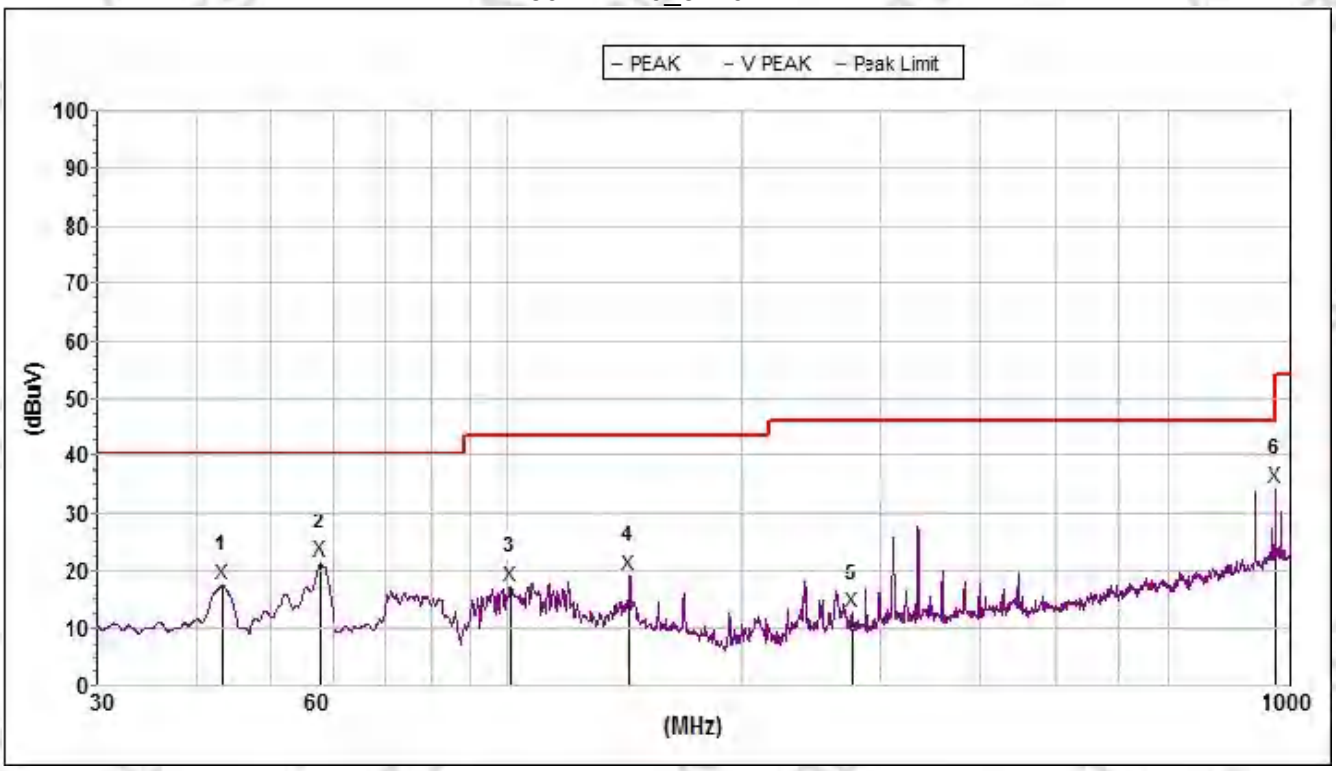


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	44.042958	17.6	40.0	22.4	13.9	32.5	0.8	H
2	57.593928	21.8	40.0	18.2	12.9	32.7	0.8	H
3	104.170131	19.3	43.5	24.2	10.6	32.9	1.4	H
4	143.326064	27.7	43.5	15.8	13.7	32.9	1.3	H
5	299.315848	13.2	46.0	32.8	12.8	32.7	2.7	H
6	898.570586	33.7	46.0	12.3	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 5		

802.11n20_5240MHz

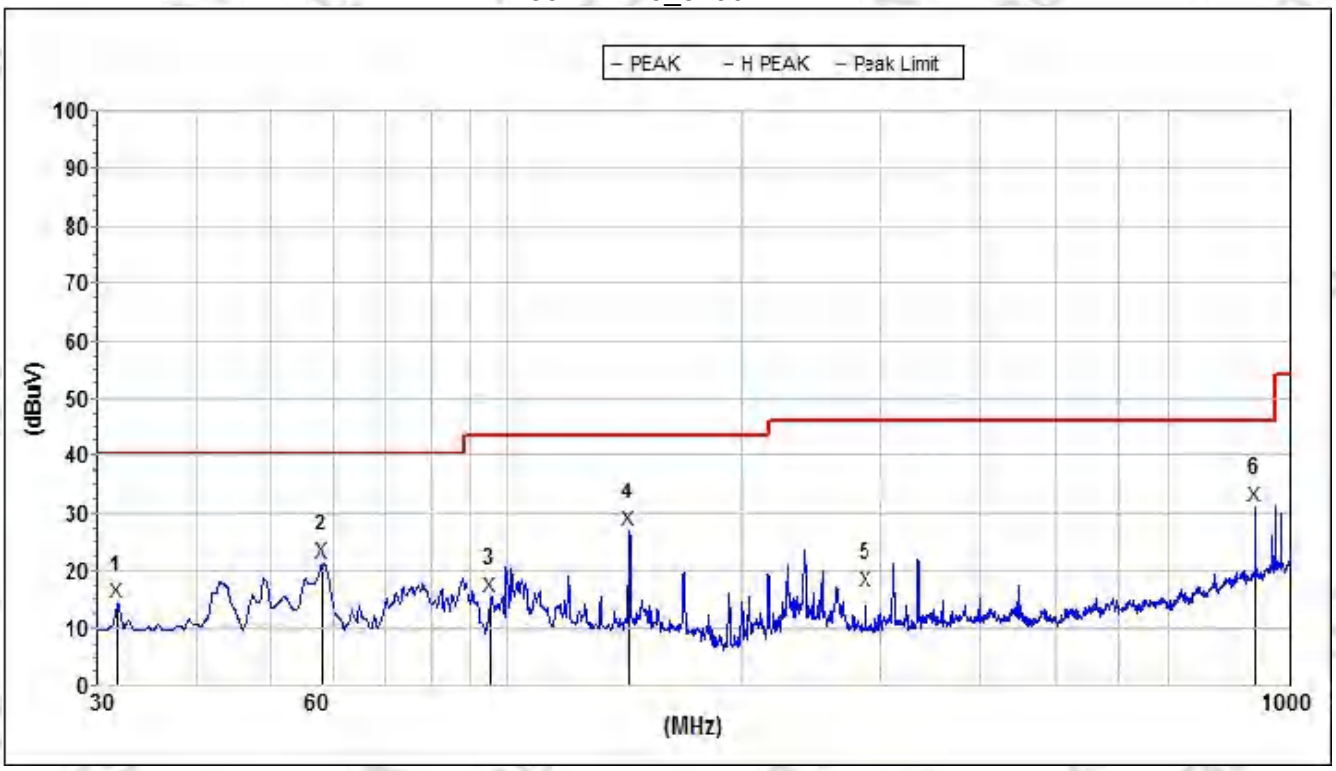


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.505724	17.7	40.0	22.3	13.9	32.5	0.8	V
2	57.593928	21.8	40.0	18.2	12.9	32.7	0.8	V
3	101.288509	17.4	43.5	26.1	10.3	32.9	1.4	V
4	143.326064	19.3	43.5	24.2	13.7	32.9	1.3	V
5	275.639886	12.9	46.0	33.1	12.2	32.7	2.6	V
6	958.794326	34.6	46.0	11.4	22.2	31.2	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 9		

802.11n40_5190MHz

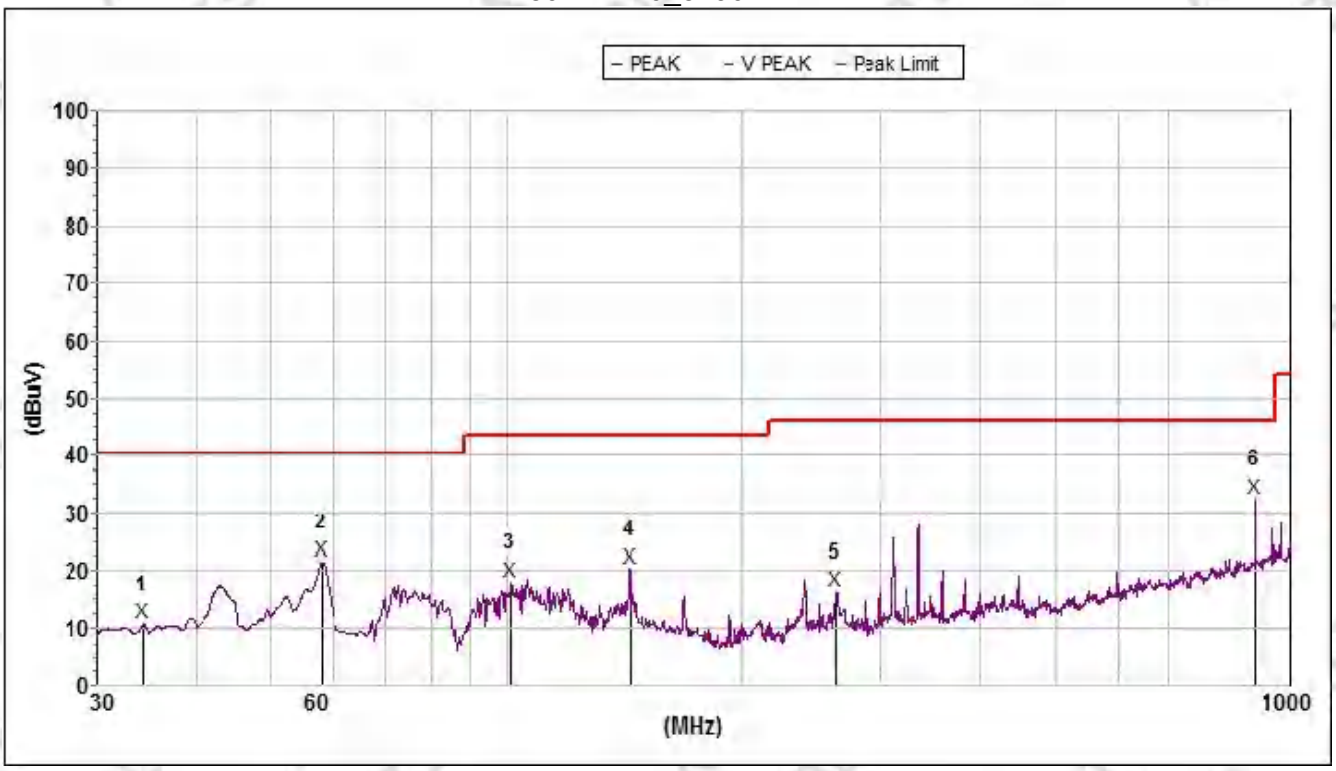


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	31.898601	14.6	40.0	25.4	13.3	32.2	0.8	H
2	58.101039	21.4	40.0	18.6	12.9	32.7	0.8	H
3	95.426993	15.6	43.5	27.9	9.8	32.9	1.3	H
4	143.326064	26.9	43.5	16.6	13.7	32.9	1.3	H
5	287.485938	16.5	46.0	29.5	12.5	32.7	2.6	H
6	898.570586	31.3	46.0	14.7	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 9		

802.11n40_5190MHz

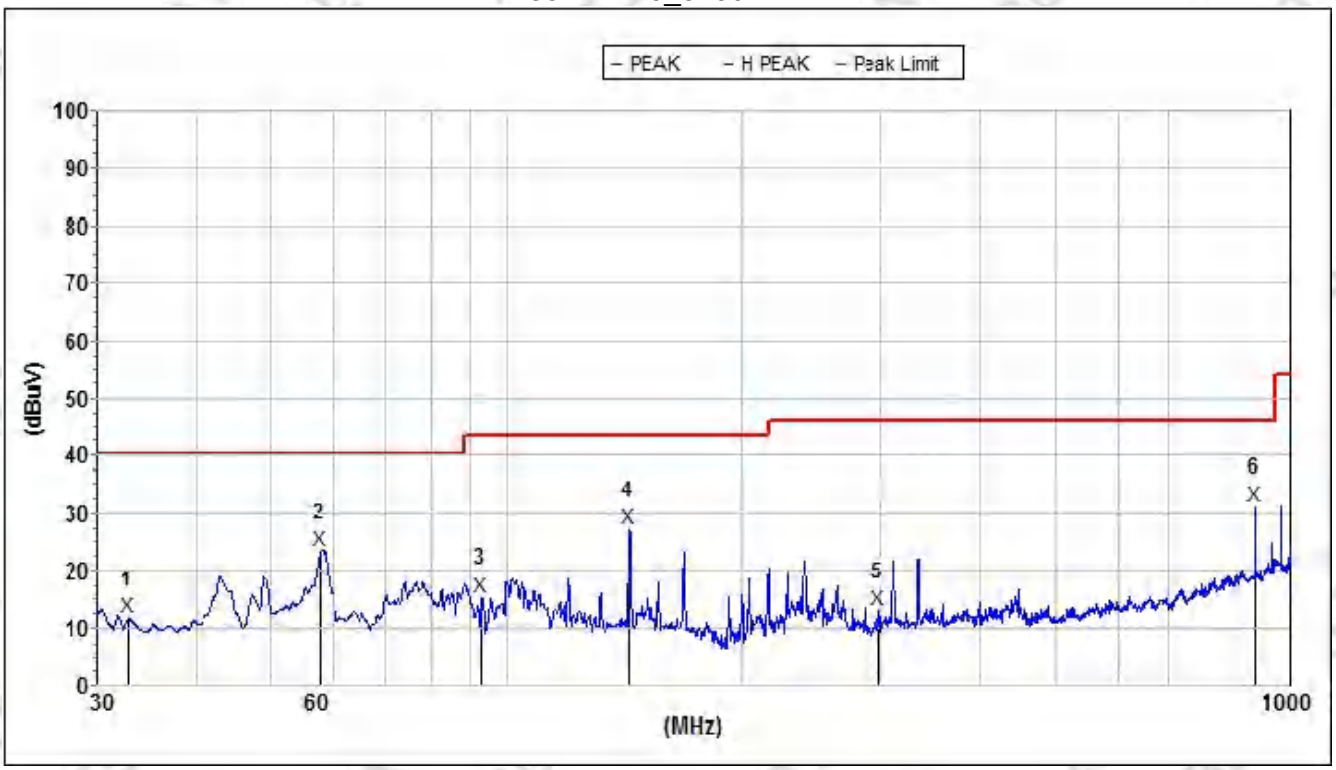


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	34.336189	10.7	40.0	29.3	13.4	32.2	0.8	V
2	58.101039	21.8	40.0	18.2	12.9	32.7	0.8	V
3	101.288509	18.1	43.5	25.4	10.3	32.9	1.4	V
4	143.829528	20.5	43.5	23.0	13.8	32.9	1.3	V
5	262.895528	16.5	46.0	29.5	11.9	32.7	2.6	V
6	898.570586	32.6	46.0	13.4	21.6	31.6	3.6	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 9		

802.11n40_5230MHz

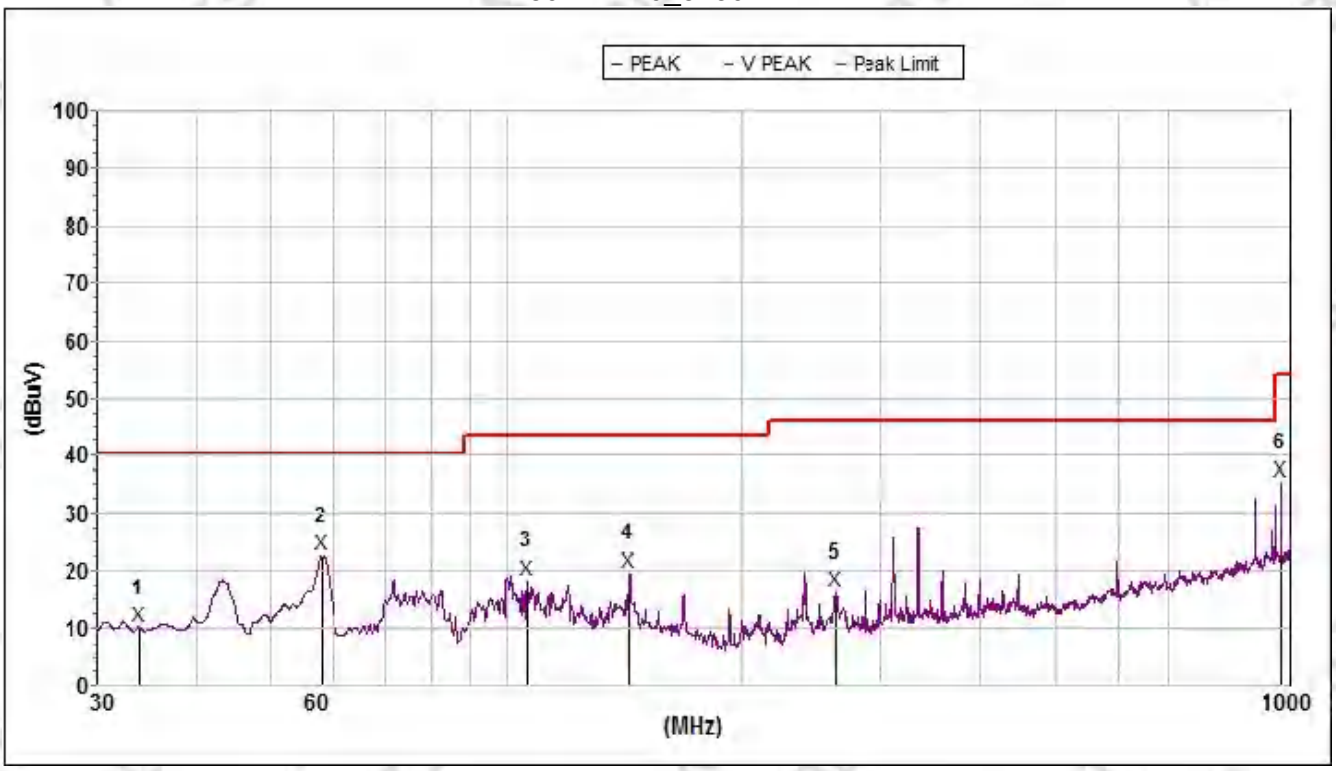


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	32.863673	11.8	40.0	28.2	13.3	32.2	0.8	H
2	57.593928	23.5	40.0	16.5	12.9	32.7	0.8	H
3	92.950055	15.6	43.5	27.9	9.6	32.9	1.2	H
4	143.326064	27.3	43.5	16.2	13.7	32.9	1.3	H
5	298.791523	13.1	46.0	32.9	12.8	32.7	2.7	H
6	898.570586	31.3	46.0	14.7	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 9		

802.11n40_5230MHz

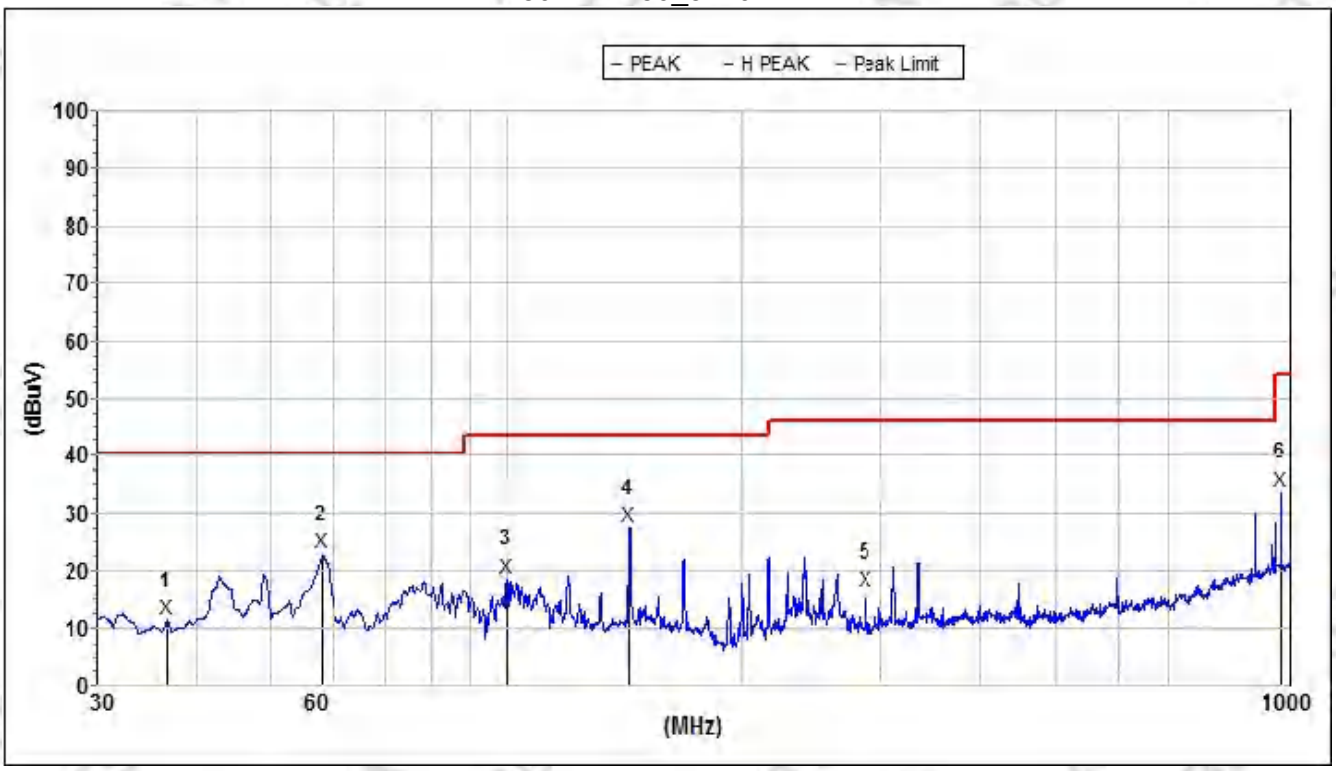


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	33.857943	10.3	40.0	29.7	13.4	32.2	0.8	V
2	58.101039	22.8	40.0	17.2	12.9	32.7	0.8	V
3	106.012629	18.3	43.5	25.2	10.7	32.9	1.4	V
4	143.326064	19.9	43.5	23.6	13.7	32.9	1.3	V
5	262.895528	16.3	46.0	29.7	11.9	32.7	2.6	V
6	974.043628	35.4	54.0	18.6	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 21		

802.11ac80_5210MHz

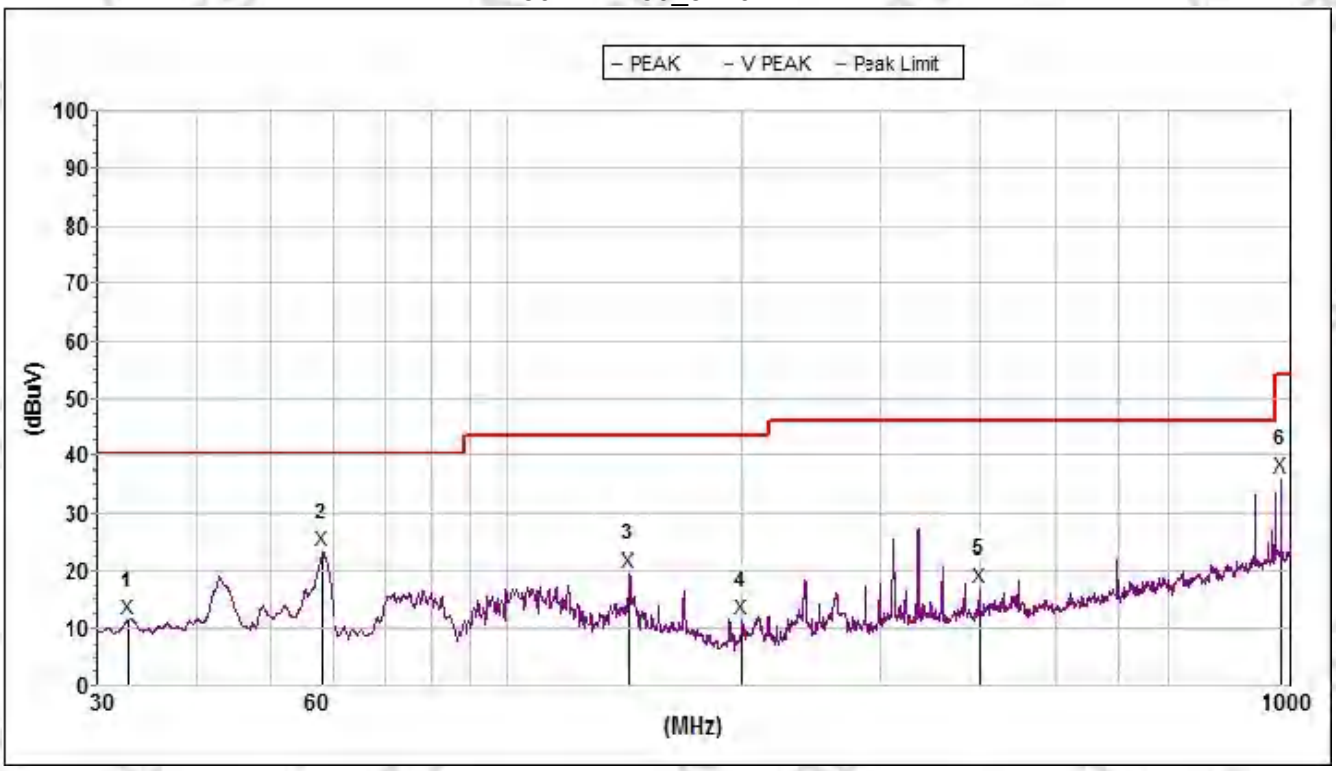


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	36.766156	11.5	40.0	28.5	13.6	32.3	0.8	H
2	58.101039	22.9	40.0	17.1	12.9	32.7	0.8	H
3	100.228572	18.9	43.5	24.6	10.2	32.9	1.4	H
4	143.326064	27.5	43.5	16.0	13.7	32.9	1.3	H
5	286.982336	16.5	46.0	29.5	12.5	32.7	2.6	H
6	974.043628	34.0	54.0	20.0	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 21		

802.11ac80_5210MHz



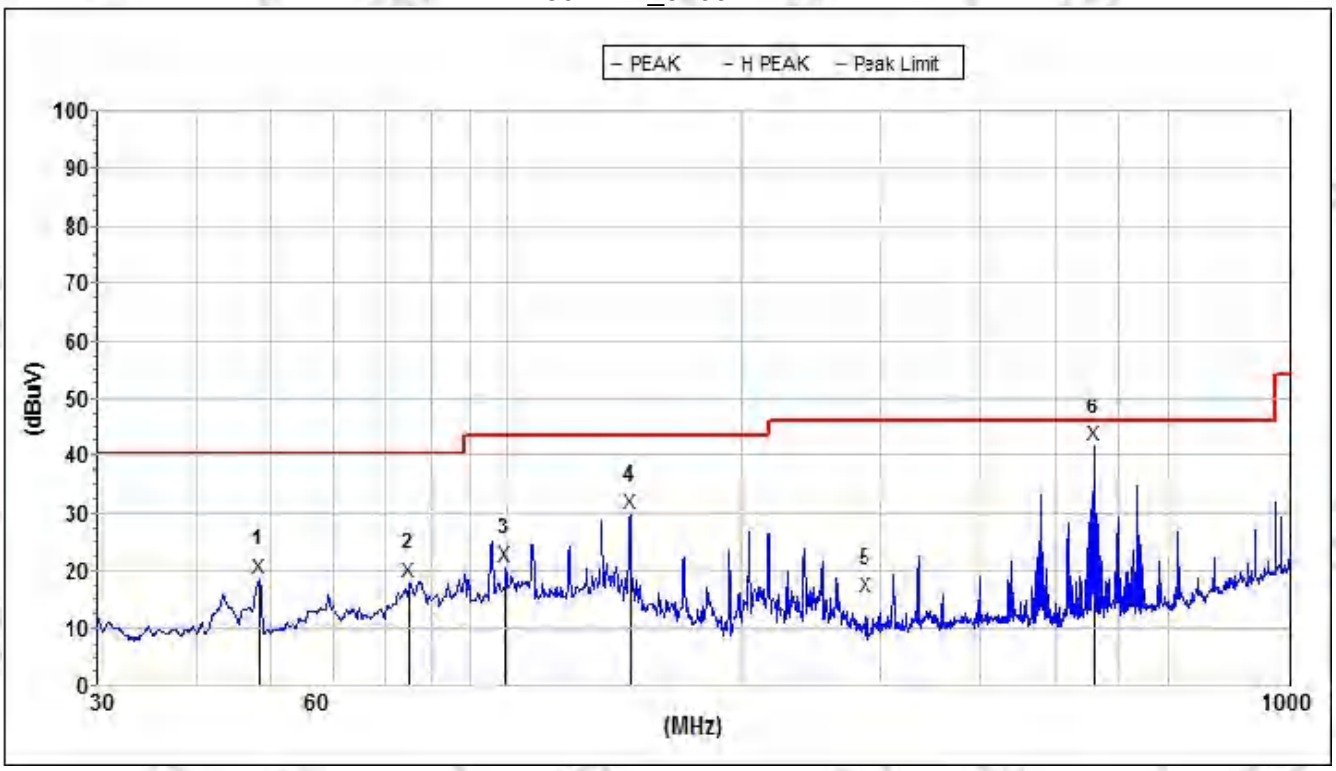
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	32.863673	11.6	40.0	28.4	13.3	32.2	0.8	V
2	58.101039	23.2	40.0	16.8	12.9	32.7	0.8	V
3	143.326064	19.8	43.5	23.7	13.7	32.9	1.3	V
4	199.635245	11.5	43.5	32.0	9.9	32.8	2.3	V
5	399.730428	17.2	46.0	28.8	14.7	32.3	2.7	V
6	974.043628	36.1	54.0	17.9	22.2	31.1	3.8	V

30MHz - 1GHz

5250MHz-5350MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 2		

802.11a_5260MHz

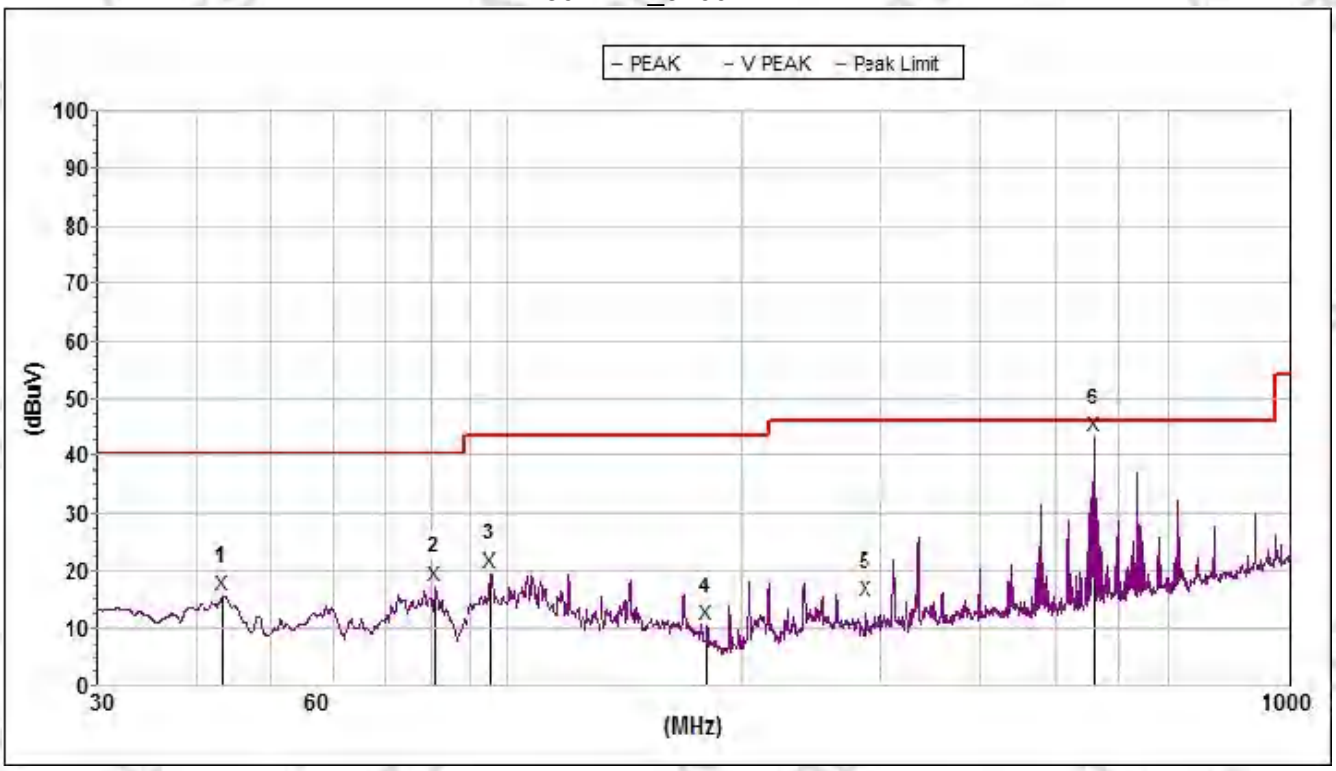


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	18.9	40.0	21.1	13.6	32.6	0.8	H
2	75.050579	18.2	40.0	21.8	10.0	32.9	0.9	H
3	99.702770	20.6	43.5	22.9	10.1	32.9	1.4	H
4	143.829528	29.8	43.5	13.7	13.8	32.9	1.3	H
5	286.982336	15.3	46.0	30.7	12.5	32.7	2.6	H
6	559.710646	41.7	46.0	4.3	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 2		

802.11a_5260MHz

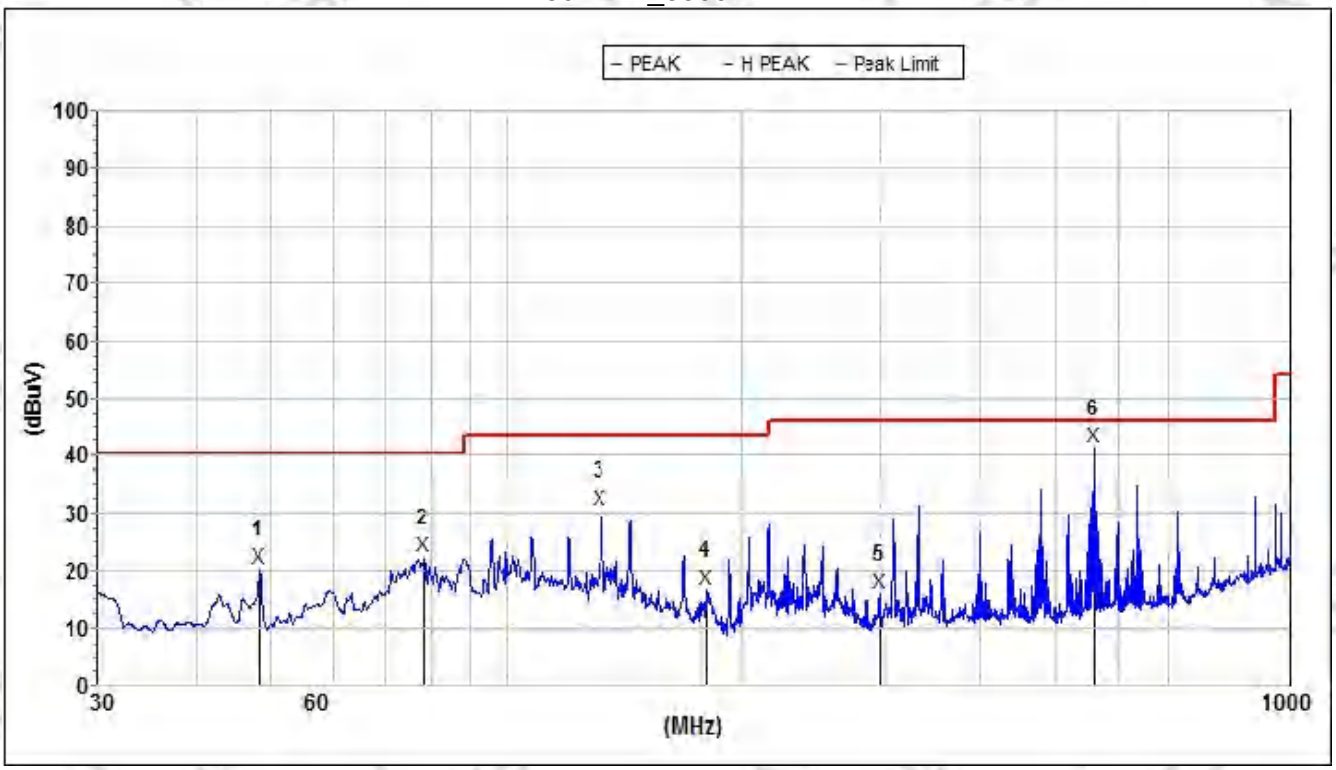


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.505724	15.7	40.0	24.3	13.9	32.5	0.8	V
2	80.785701	17.3	40.0	22.7	9.3	32.9	1.0	V
3	95.426993	19.8	43.5	23.7	9.8	32.9	1.3	V
4	179.701149	10.4	43.5	33.1	11.7	32.8	1.9	V
5	287.485938	14.7	46.0	31.3	12.5	32.7	2.6	V
6	559.710646	43.4	46.0	2.6	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 2		

802.11a_5300MHz

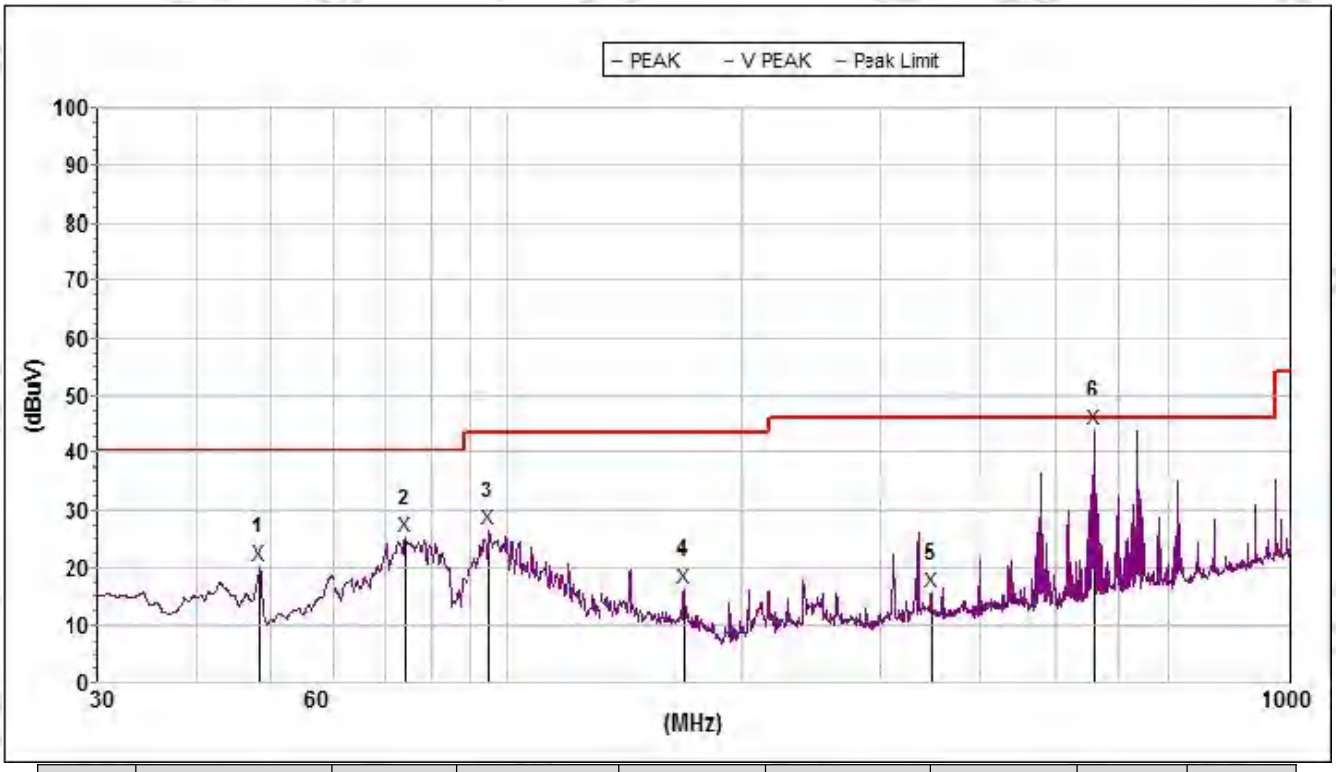


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.416591	20.4	40.0	19.6	13.6	32.6	0.8	H
2	78.413354	22.3	40.0	17.7	9.5	32.9	0.9	H
3	131.757724	30.6	43.5	12.9	12.9	32.9	1.4	H
4	179.701149	16.7	43.5	26.8	11.7	32.8	1.9	H
5	299.315848	16.2	46.0	29.8	12.8	32.7	2.7	H
6	559.710646	41.6	46.0	4.4	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 2		

802.11a_5300MHz

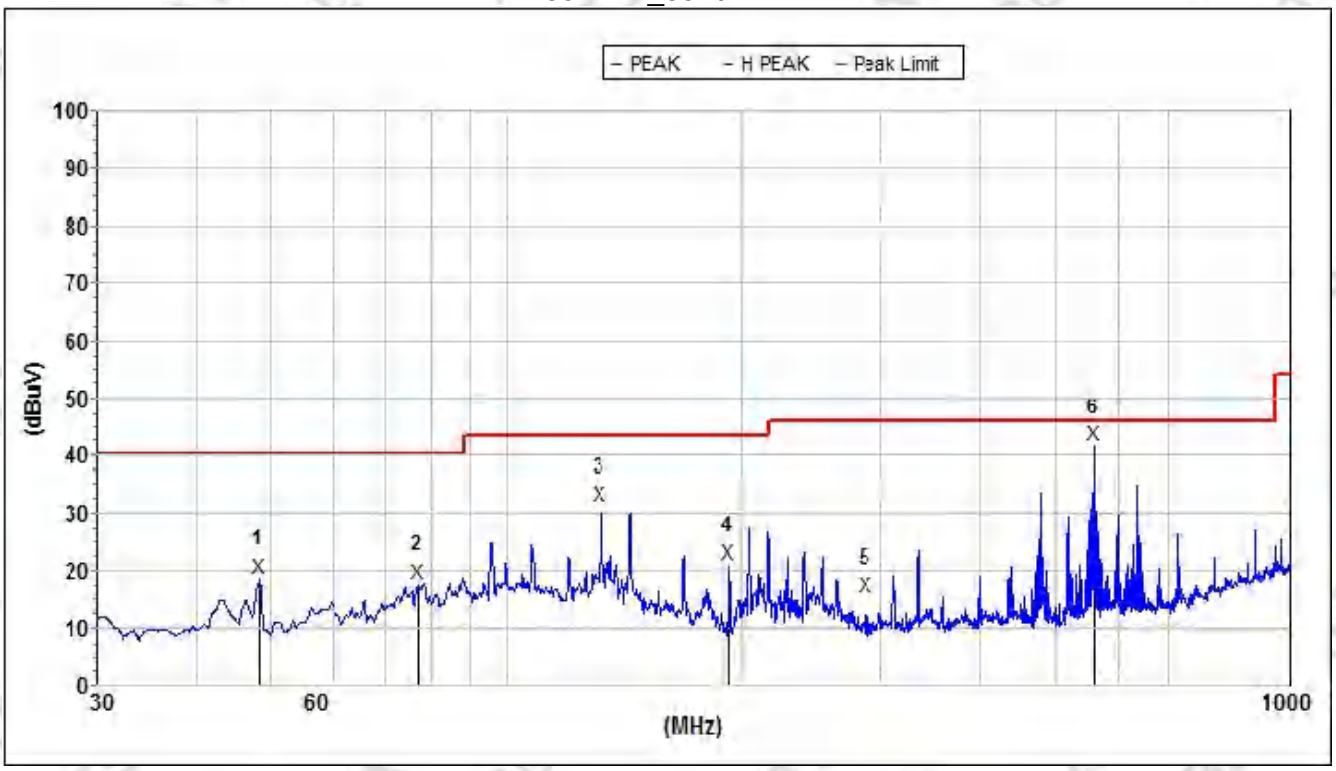


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	20.3	40.0	19.7	13.6	32.6	0.8	V
2	74.005250	25.2	40.0	14.8	10.2	32.9	0.9	V
3	94.926381	26.6	43.5	16.9	9.8	32.9	1.3	V
4	168.118752	16.5	43.5	27.0	13.4	32.9	1.7	V
5	347.417794	15.9	46.0	30.1	13.8	32.5	2.7	V
6	559.710646	44.0	46.0	2.0	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 2		

802.11a_5320MHz

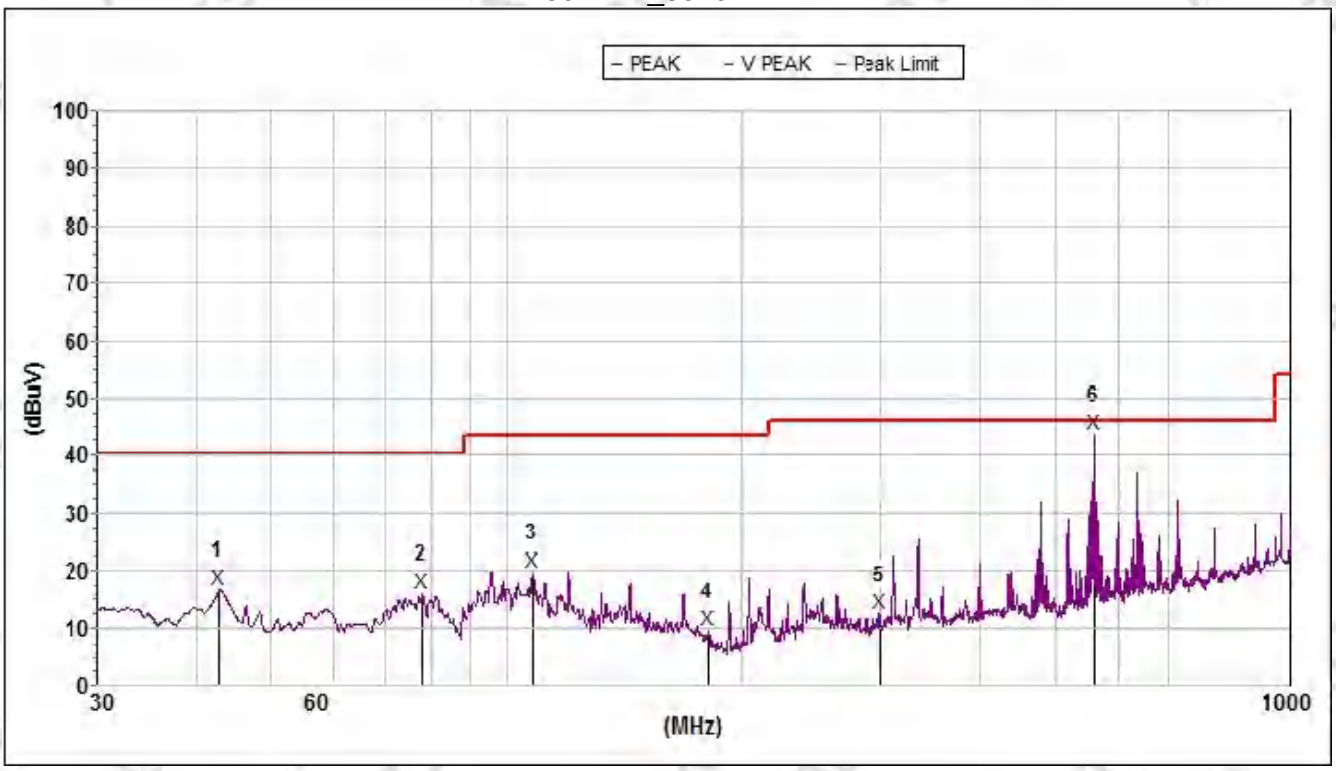


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.416591	18.8	40.0	21.2	13.6	32.6	0.8	H
2	76.915558	17.8	40.0	22.2	9.8	32.9	0.9	H
3	131.757724	31.4	43.5	12.1	12.9	32.9	1.4	H
4	191.409140	21.2	43.5	22.3	10.4	32.8	2.2	H
5	286.982336	15.6	46.0	30.4	12.5	32.7	2.6	H
6	559.710646	41.8	46.0	4.2	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 2		

802.11a_5320MHz

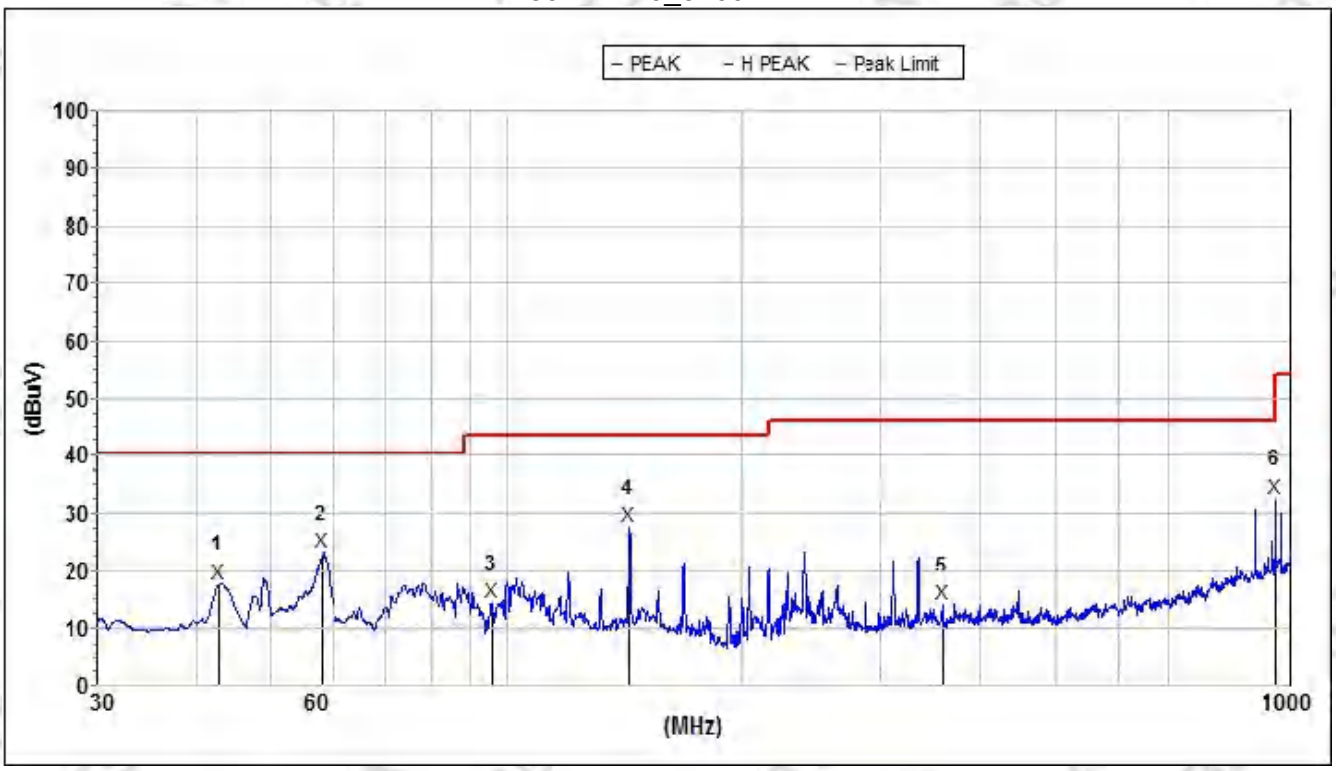


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.050457	16.8	40.0	23.2	13.9	32.5	0.8	V
2	78.001995	16.0	40.0	24.0	9.6	32.9	0.9	V
3	108.077039	19.9	43.5	23.6	10.9	32.9	1.4	V
4	180.648838	9.4	43.5	34.1	11.6	32.8	2.0	V
5	299.315848	12.6	46.0	33.4	12.8	32.7	2.7	V
6	559.710646	43.6	46.0	2.4	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 6		

802.11n20_5260MHz

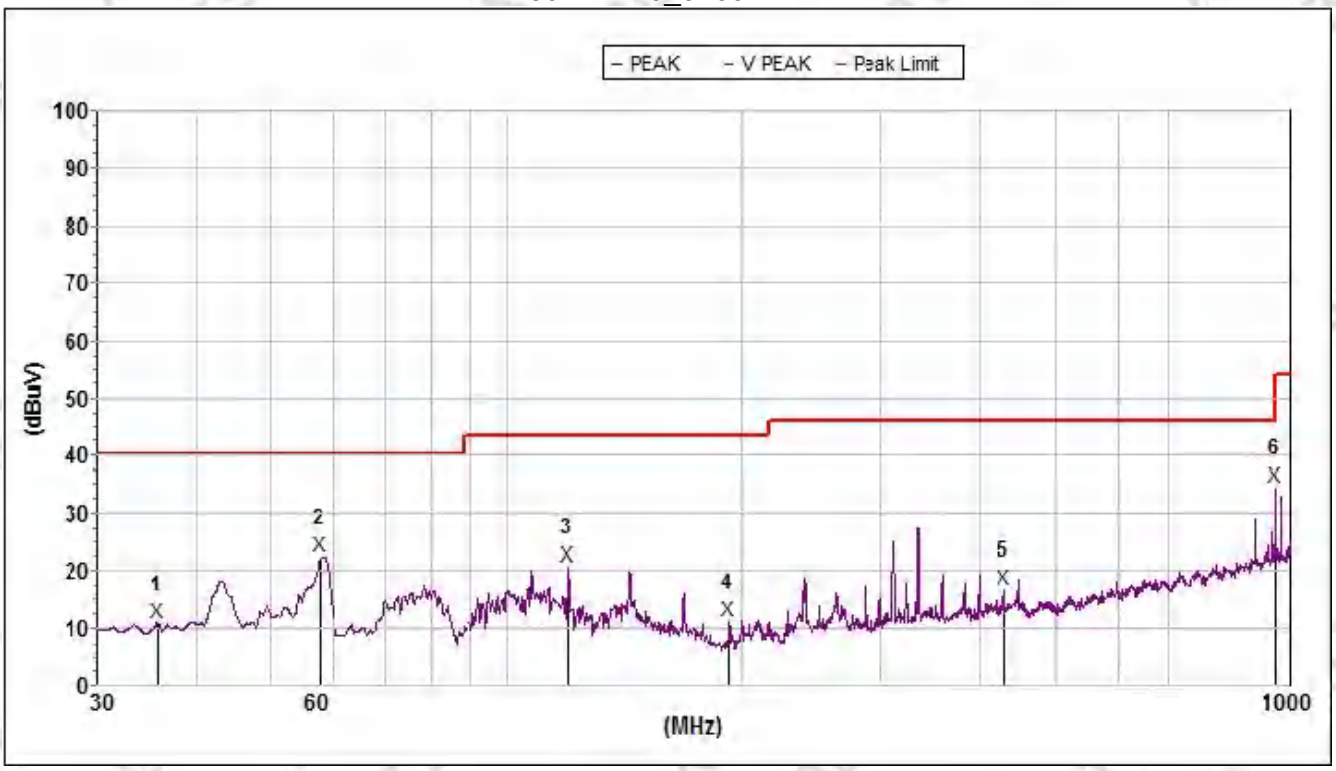


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	43.050457	17.9	40.0	22.1	13.9	32.5	0.8	H
2	58.101039	23.1	40.0	16.9	12.9	32.7	0.8	H
3	95.930246	14.6	43.5	28.9	9.9	32.9	1.3	H
4	143.326064	27.5	43.5	16.0	13.7	32.9	1.3	H
5	359.186005	14.0	46.0	32.0	13.5	32.5	2.7	H
6	958.794326	32.7	46.0	13.3	20.3	31.2	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 6		

802.11n20_5260MHz

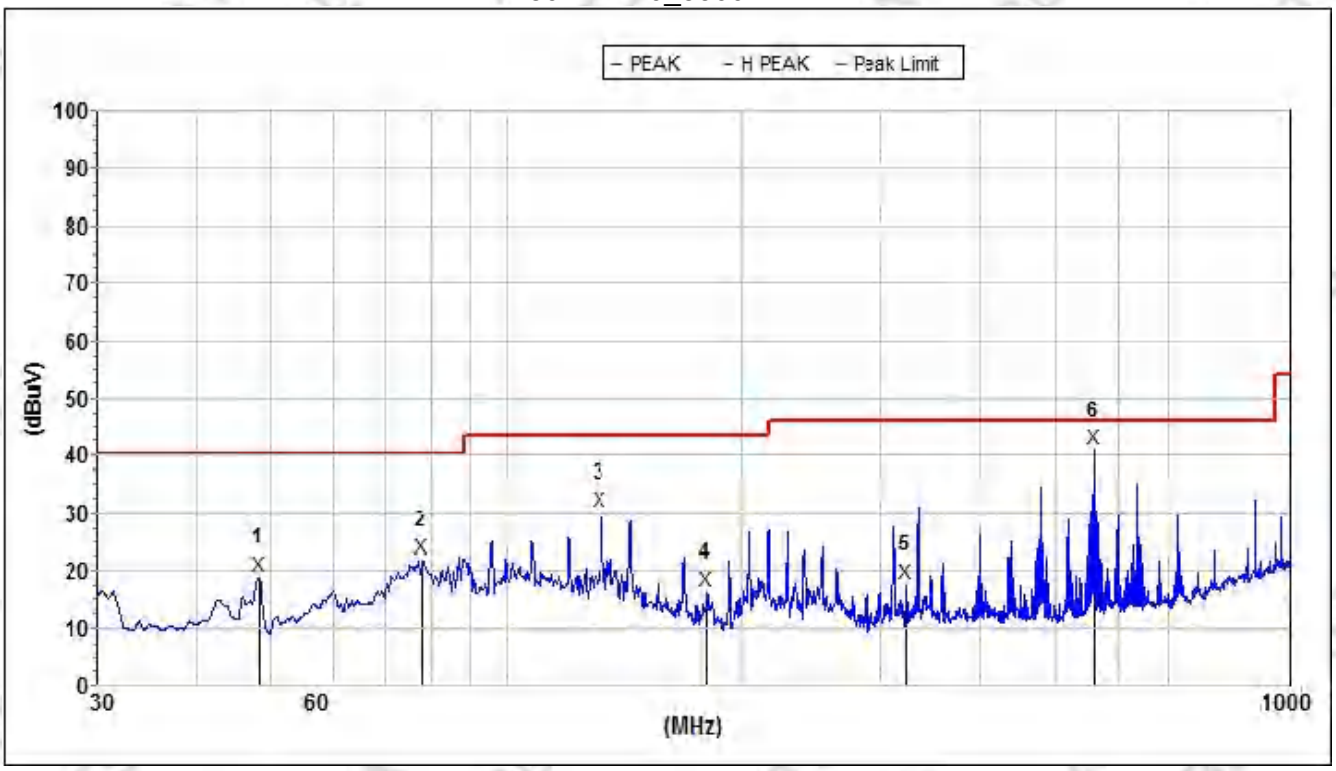


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	35.811840	11.0	40.0	29.0	13.5	32.3	0.8	V
2	57.593928	22.5	40.0	17.5	12.9	32.7	0.8	V
3	119.645652	20.6	43.5	22.9	12.2	32.9	1.4	V
4	191.745028	11.3	43.5	32.2	10.4	32.8	2.2	V
5	431.031591	16.7	46.0	29.3	15.5	32.4	2.7	V
6	958.794326	34.4	46.0	11.6	22.2	31.2	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 6		

802.11n20_5300MHz

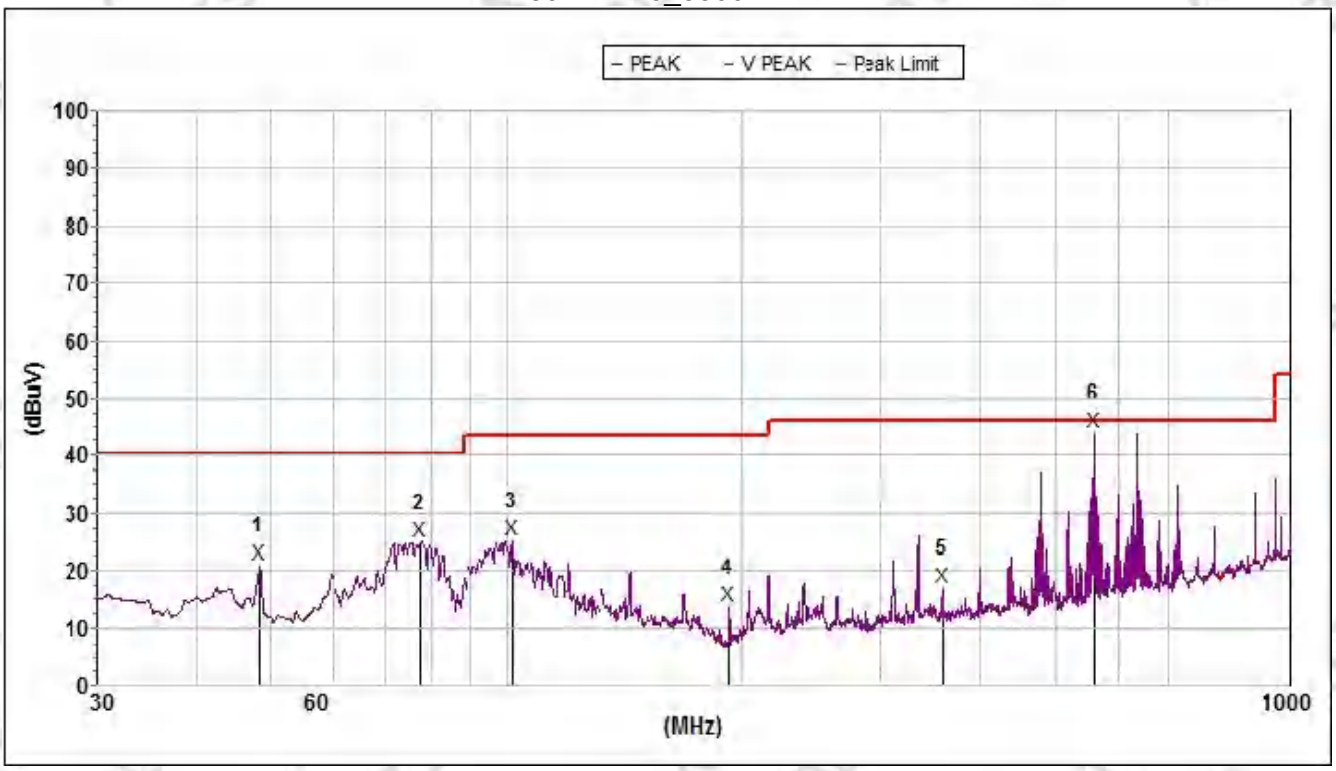


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.416591	19.2	40.0	20.8	13.6	32.6	0.8	H
2	78.001995	21.9	40.0	18.1	9.6	32.9	0.9	H
3	131.757724	30.4	43.5	13.1	12.9	32.9	1.4	H
4	179.701149	16.4	43.5	27.1	11.7	32.8	1.9	H
5	323.887721	17.9	46.0	28.1	13.1	32.6	2.7	H
6	559.710646	41.1	46.0	4.9	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 6		

802.11n20_5300MHz

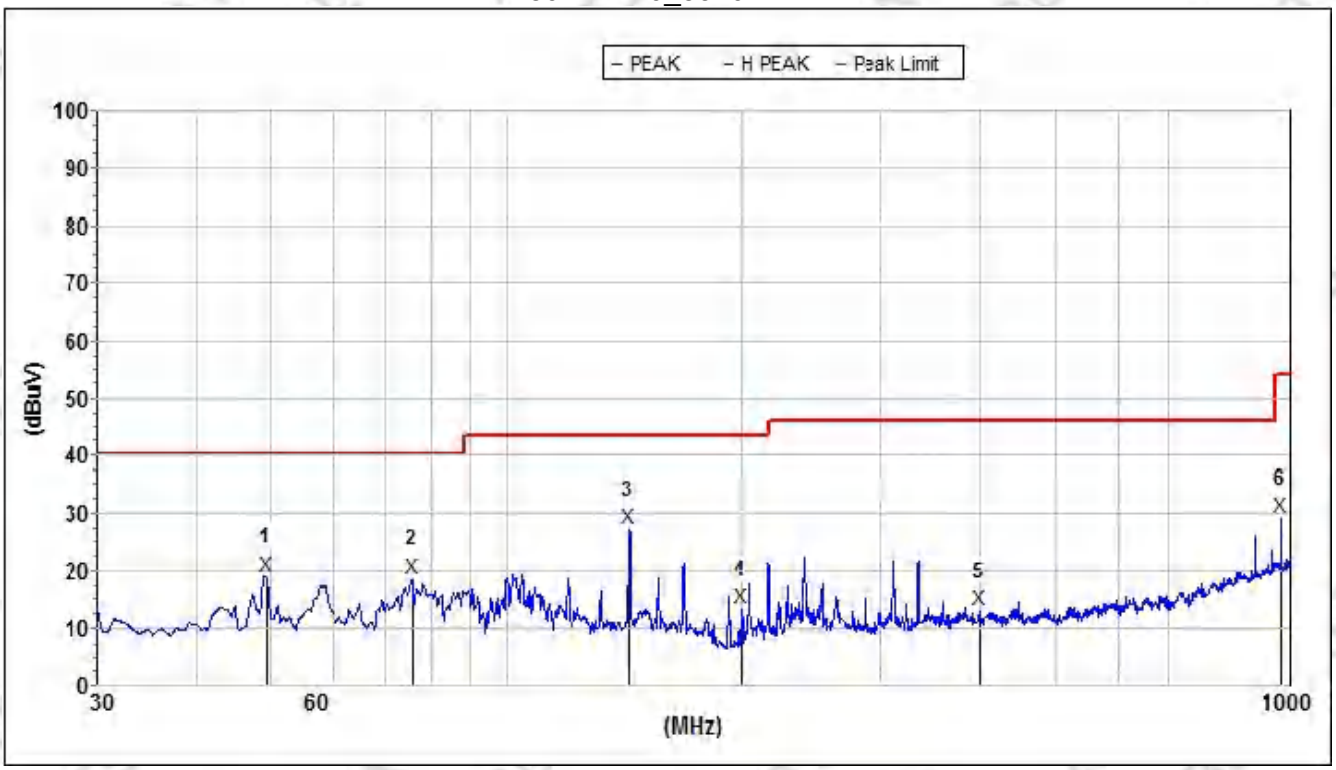


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	21.0	40.0	19.0	13.6	32.6	0.8	V
2	77.456872	25.0	40.0	15.0	9.7	32.9	0.9	V
3	101.644307	25.2	43.5	18.3	10.3	32.9	1.4	V
4	191.409140	13.9	43.5	29.6	10.4	32.8	2.2	V
5	359.186005	17.2	46.0	28.8	14.0	32.5	2.7	V
6	559.710646	44.1	46.0	1.9	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 6		

802.11n20_5320MHz

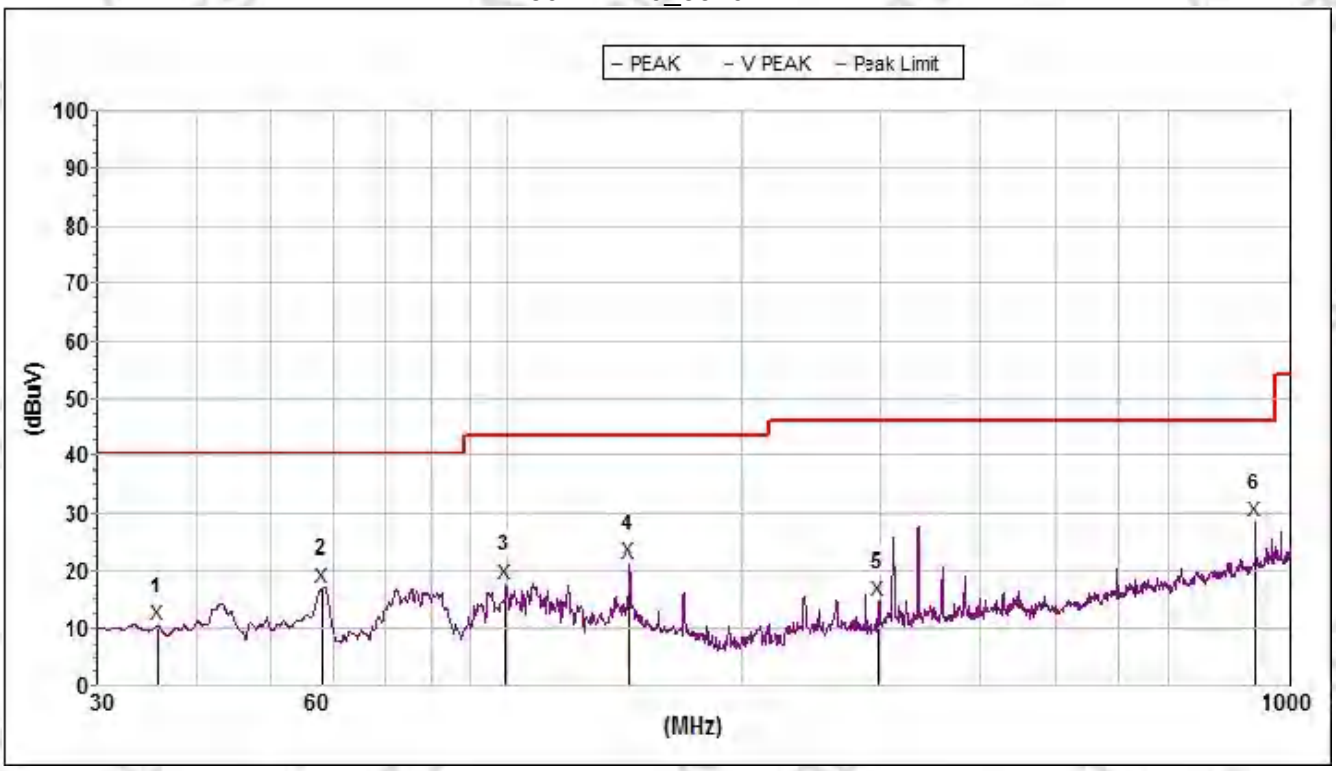


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	49.359419	19.2	40.0	20.8	13.6	32.6	0.8	H
2	75.578767	18.6	40.0	21.4	10.0	32.9	0.9	H
3	143.326064	27.4	43.5	16.1	13.7	32.9	1.3	H
4	199.985568	13.4	43.5	30.1	9.9	32.8	2.3	H
5	399.730428	13.1	46.0	32.9	13.8	32.3	2.7	H
6	974.043628	29.3	54.0	24.7	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 6		

802.11n20_5320MHz

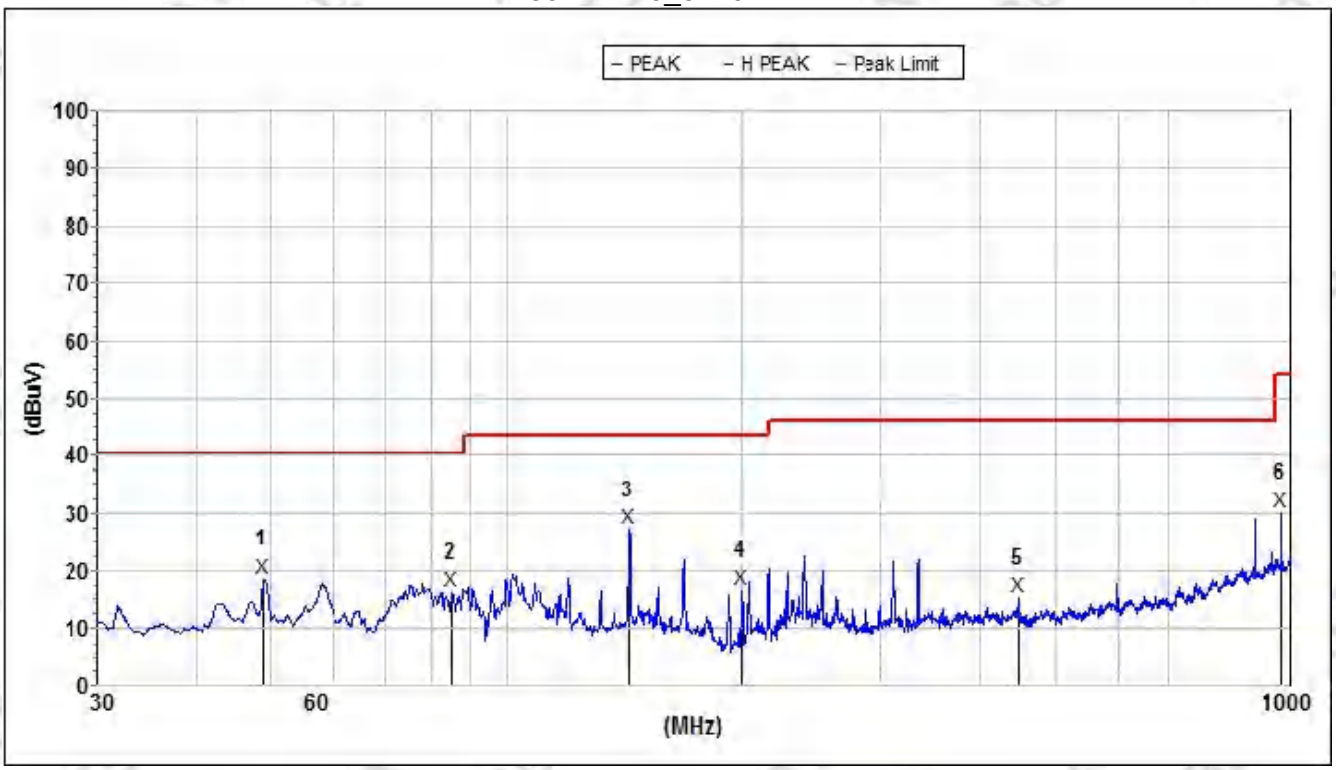


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	35.811840	10.4	40.0	29.6	13.5	32.3	0.8	V
2	58.101039	17.0	40.0	23.0	12.9	32.7	0.8	V
3	99.702770	17.9	43.5	25.6	10.1	32.9	1.4	V
4	143.326064	21.3	43.5	22.2	13.7	32.9	1.3	V
5	298.791523	14.9	46.0	31.1	12.8	32.7	2.7	V
6	898.570586	28.6	46.0	17.4	21.6	31.6	3.6	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 10		

802.11n40_5270MHz

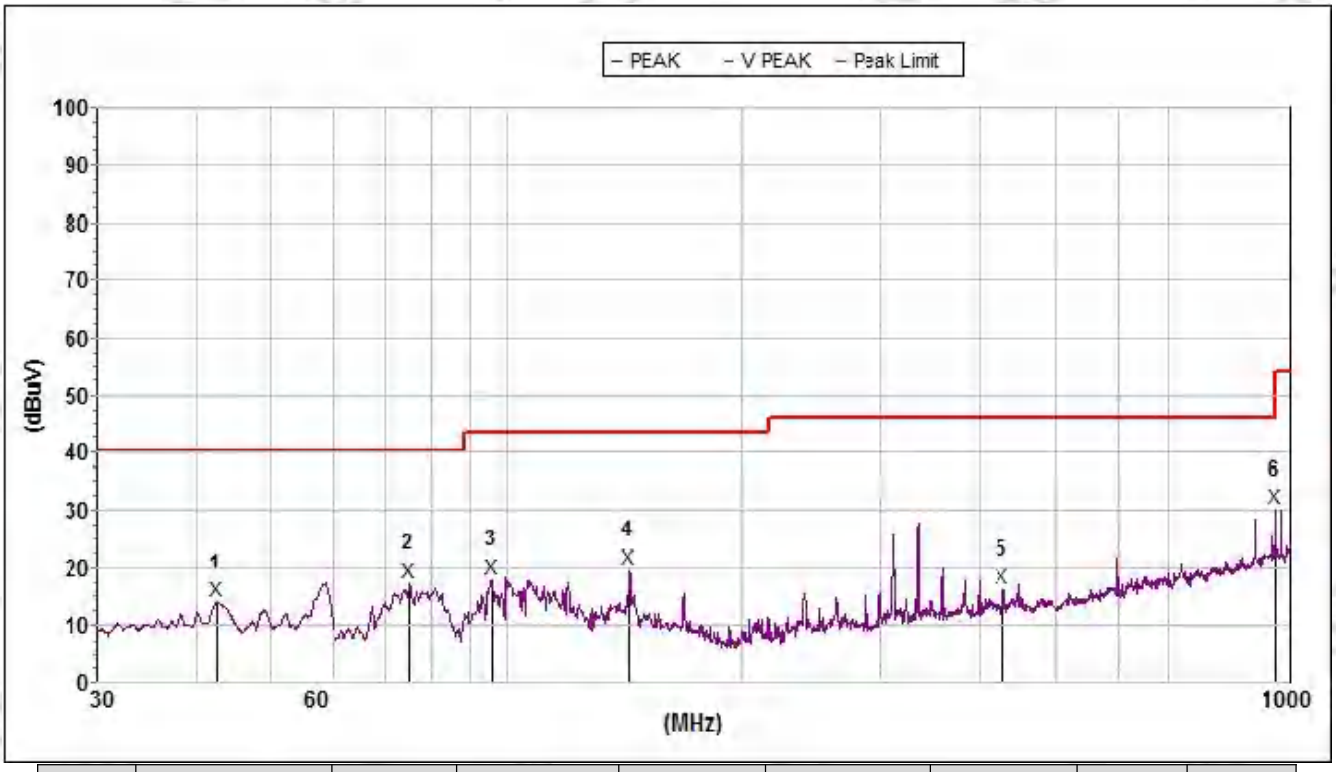


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.8	40.0	21.2	13.6	32.6	0.8	H
2	84.701941	16.3	40.0	23.7	9.4	32.9	1.0	H
3	143.326064	27.4	43.5	16.1	13.7	32.9	1.3	H
4	199.635245	16.9	43.5	26.6	9.9	32.8	2.3	H
5	449.555842	15.5	46.0	30.5	14.3	32.4	2.7	H
6	974.043628	30.3	54.0	23.7	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 10		

802.11n40_5270MHz

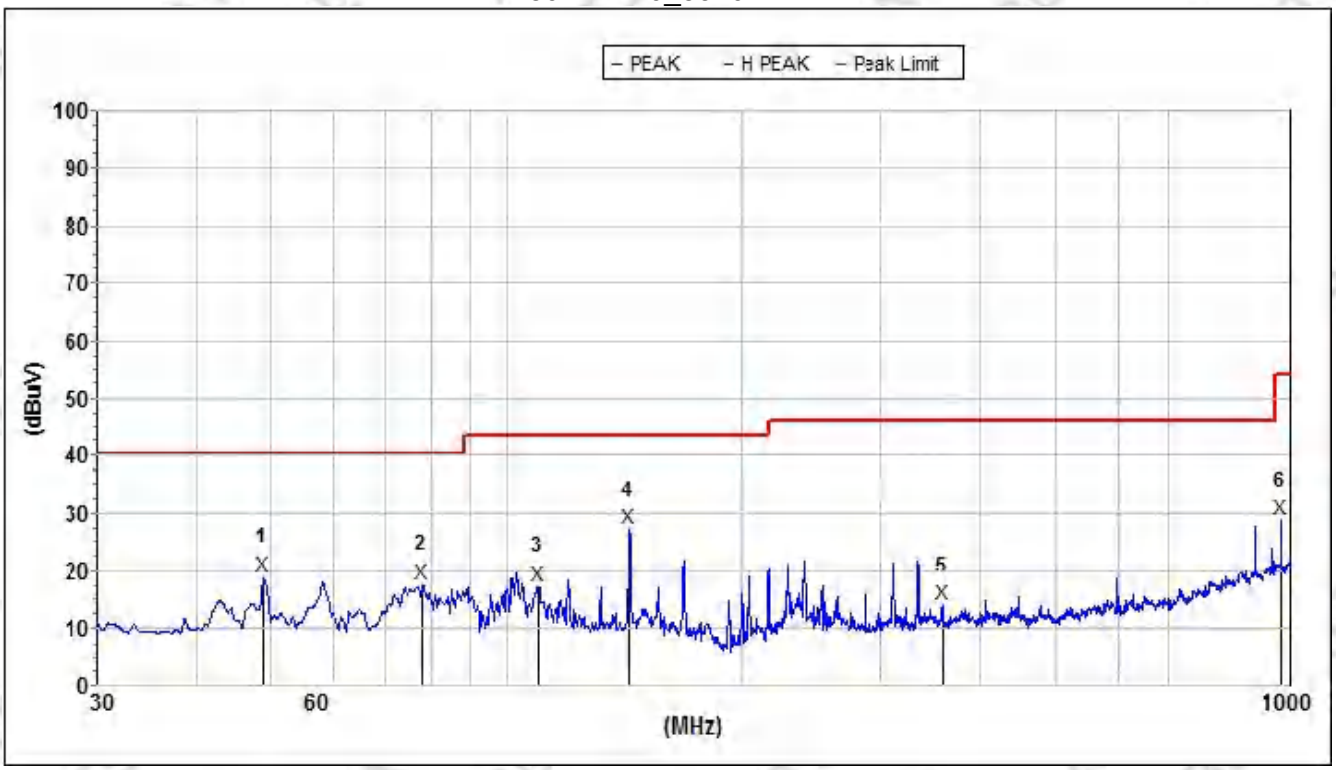


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	42.599954	14.1	40.0	25.9	13.9	32.4	0.8	V
2	75.050579	17.3	40.0	22.7	10.0	32.9	0.9	V
3	95.930246	18.1	43.5	25.4	9.9	32.9	1.3	V
4	143.326064	19.9	43.5	23.6	13.7	32.9	1.3	V
5	430.276534	16.3	46.0	29.7	15.5	32.4	2.8	V
6	958.794326	30.1	46.0	15.9	22.1	31.2	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 10		

802.11n40_5310MHz

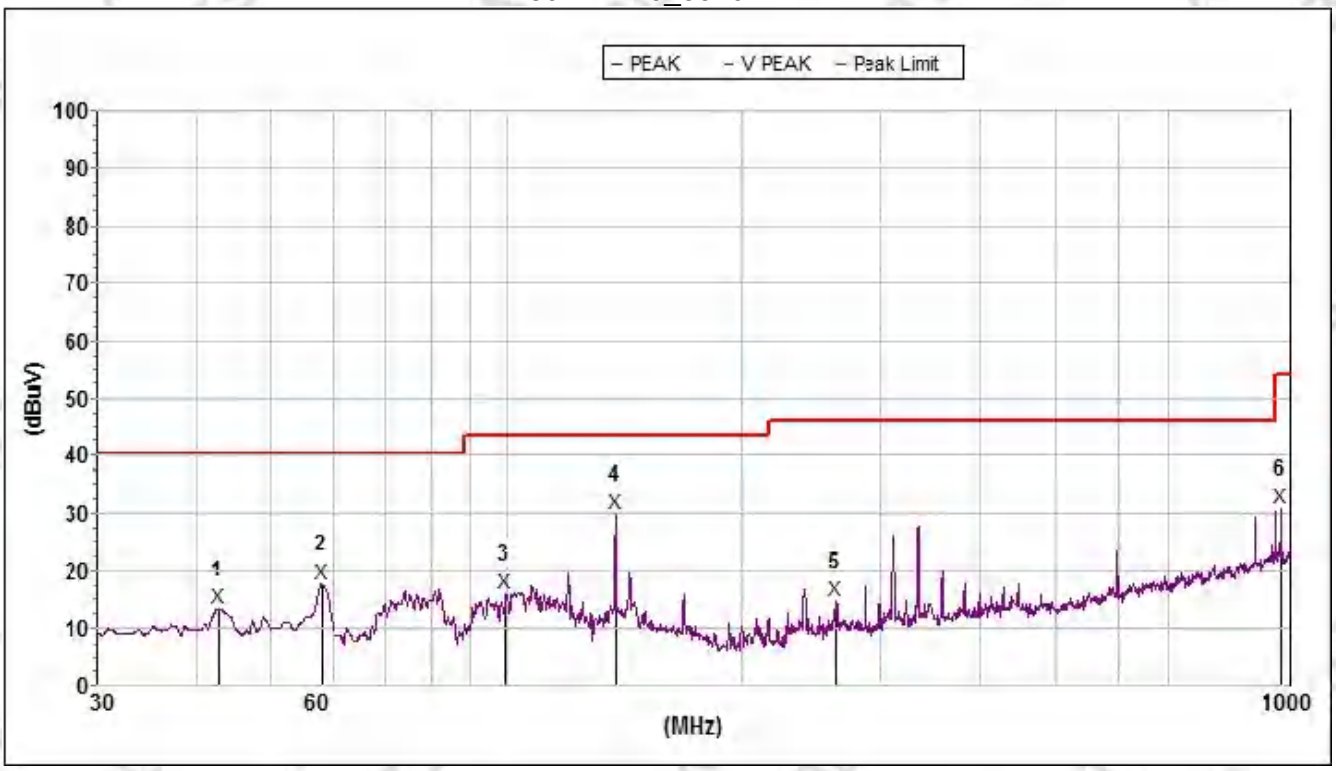


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	19.2	40.0	20.8	13.6	32.6	0.8	H
2	78.001995	17.7	40.0	22.3	9.6	32.9	0.9	H
3	109.411636	17.4	43.5	26.1	11.1	32.9	1.4	H
4	143.326064	27.3	43.5	16.2	13.7	32.9	1.3	H
5	359.186005	14.0	46.0	32.0	13.5	32.5	2.7	H
6	974.043628	29.1	54.0	24.9	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 10		

802.11n40_5310MHz

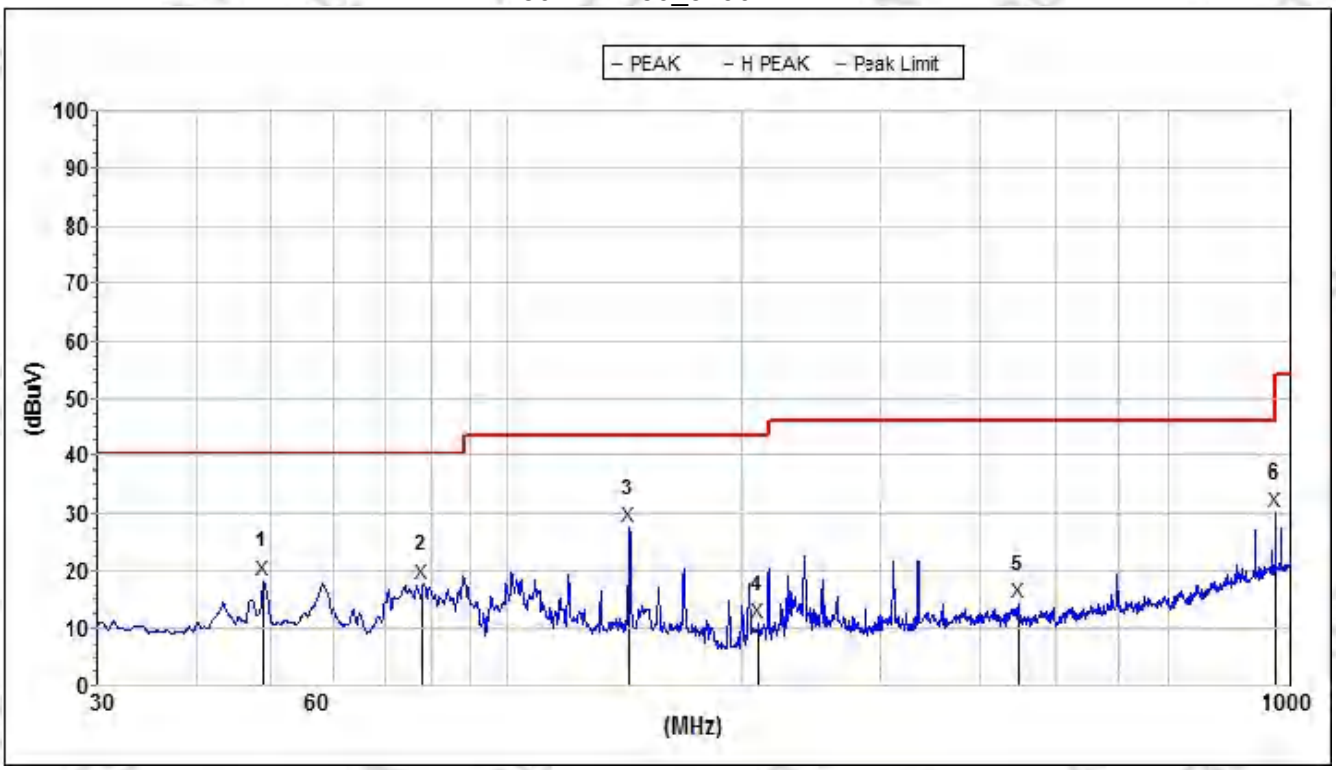


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	42.975044	13.4	40.0	26.6	13.9	32.5	0.8	V
2	58.101039	17.8	40.0	22.2	12.9	32.7	0.8	V
3	99.702770	16.1	43.5	27.4	10.1	32.9	1.4	V
4	137.661364	29.8	43.5	13.7	13.3	32.9	1.4	V
5	262.895528	14.7	46.0	31.3	11.9	32.7	2.6	V
6	974.043628	31.0	54.0	23.0	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 22		

802.11ac80_5290MHz

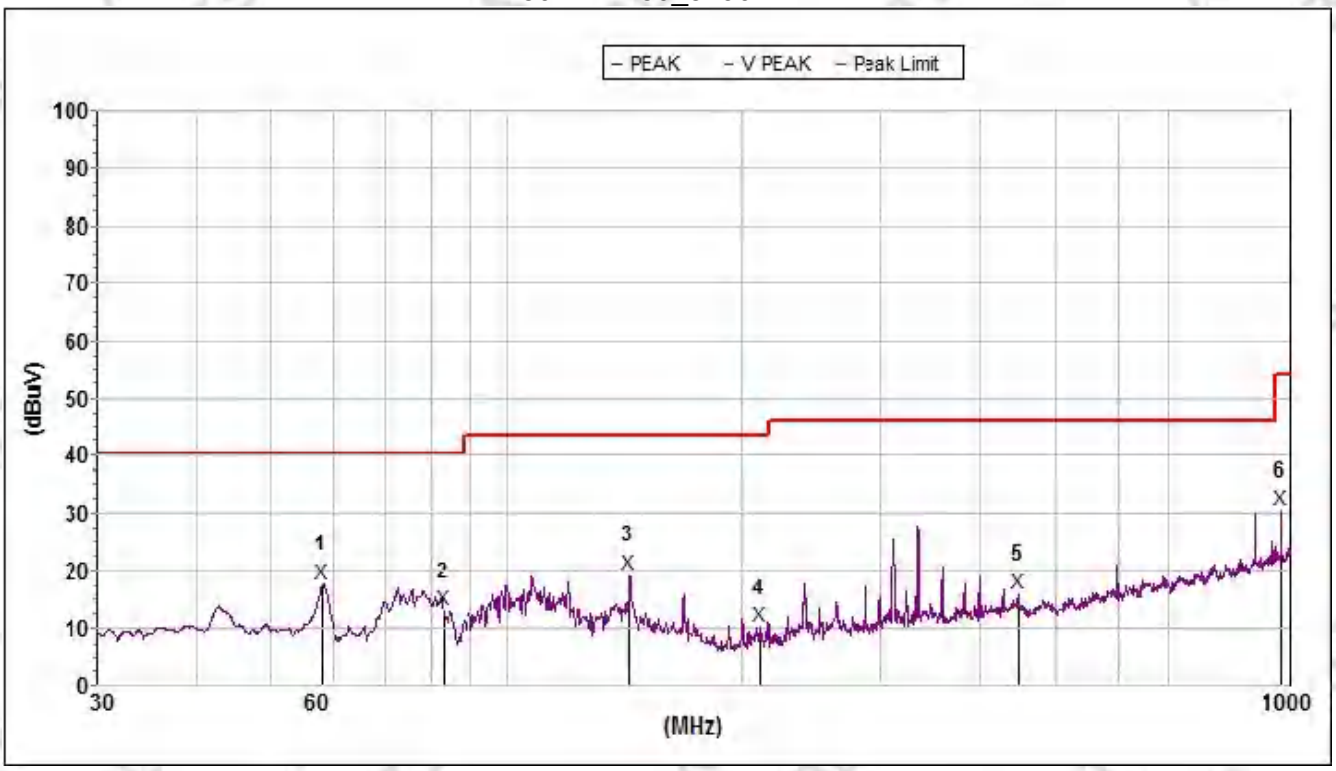


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.3	40.0	21.7	13.6	32.6	0.8	H
2	78.001995	17.8	40.0	22.2	9.6	32.9	0.9	H
3	143.326064	27.5	43.5	16.0	13.7	32.9	1.3	H
4	209.312941	10.7	43.5	32.8	10.2	32.8	2.4	H
5	449.555842	14.5	46.0	31.5	14.3	32.4	2.7	H
6	958.794326	30.1	46.0	15.9	20.3	31.2	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 22		

802.11ac80_5290MHz



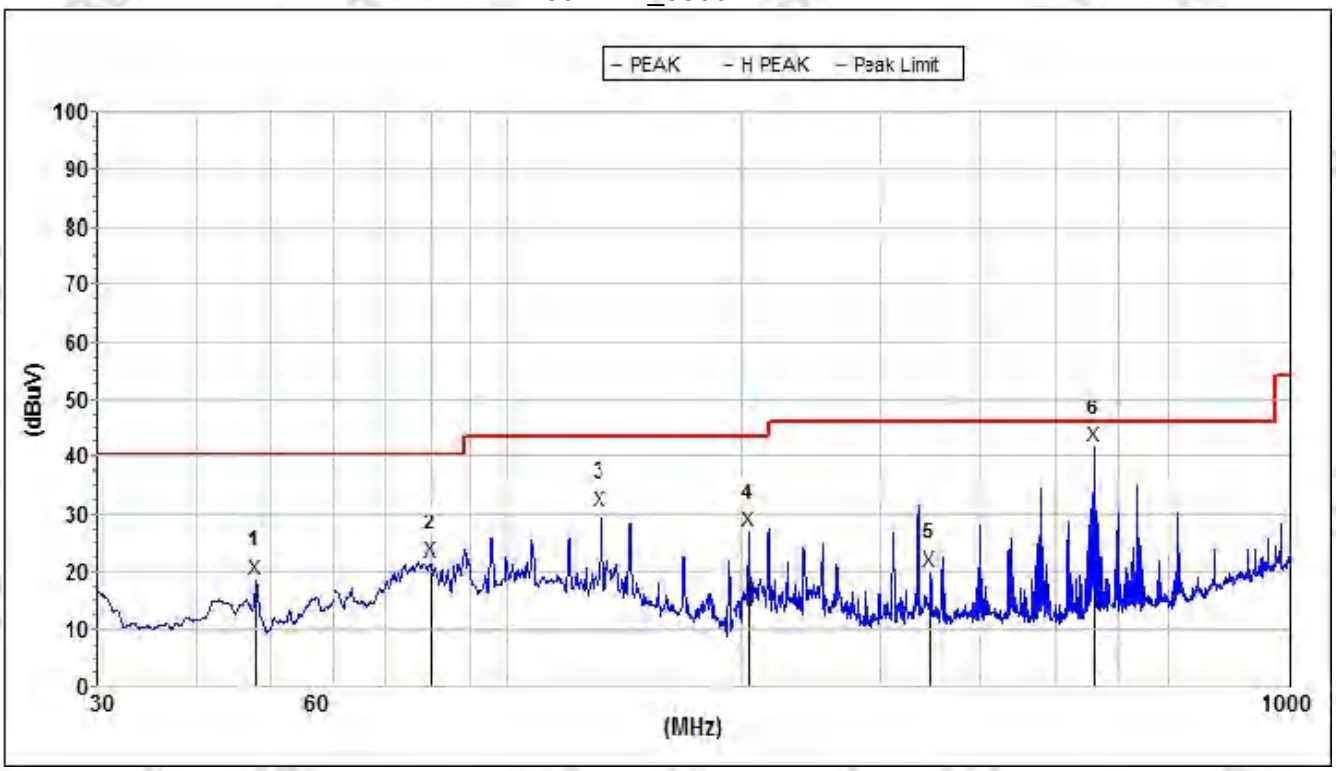
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	58.101039	17.9	40.0	22.1	12.9	32.7	0.8	V
2	82.793197	13.1	40.0	26.9	9.3	32.9	1.0	V
3	143.326064	19.5	43.5	24.0	13.7	32.9	1.3	V
4	210.416793	10.1	43.5	33.4	10.3	32.8	2.4	V
5	449.555842	16.2	46.0	29.8	16.0	32.4	2.7	V
6	974.043628	30.6	54.0	23.4	22.2	31.1	3.8	V

30MHz - 1GHz

5470MHz-5725MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 3		

802.11a_5500MHz

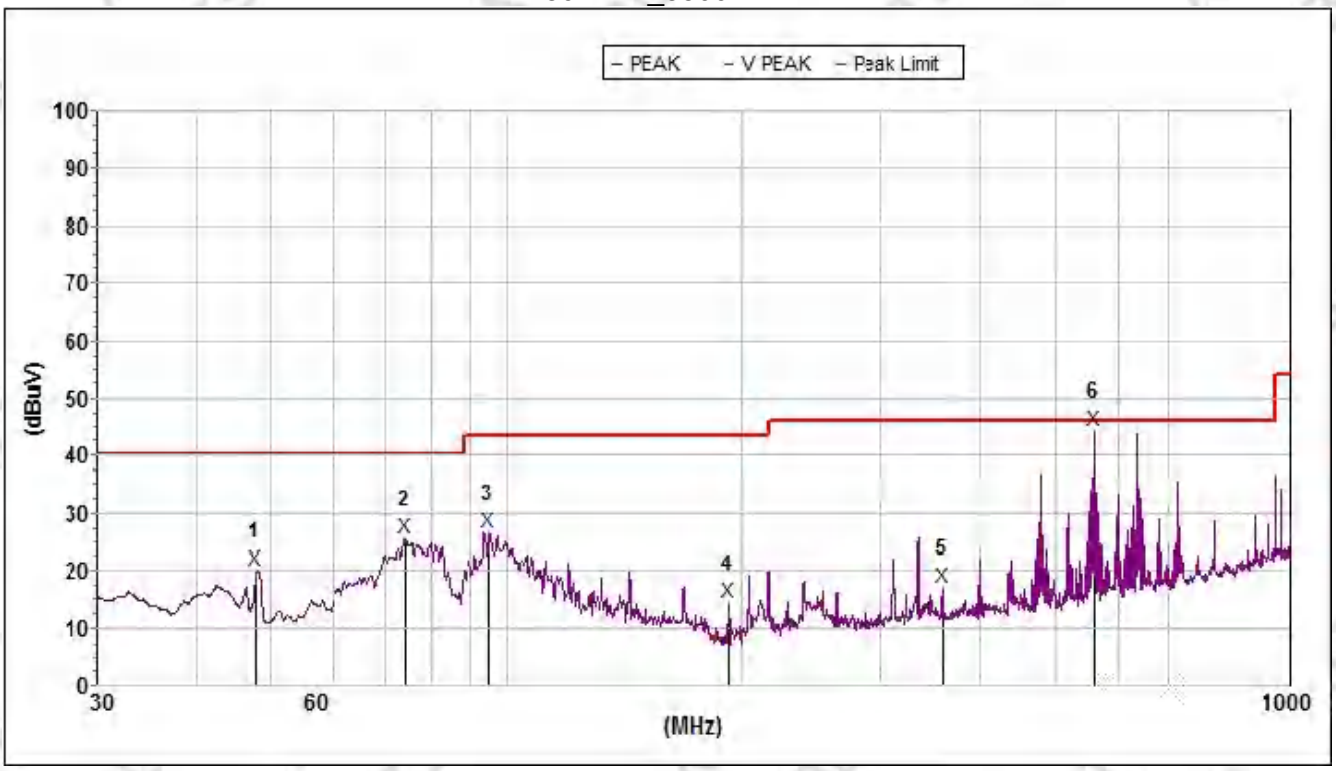


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	47.909933	18.6	40.0	21.4	13.7	32.6	0.8	H
2	79.940317	21.8	40.0	18.2	9.3	32.9	0.9	H
3	131.757724	30.5	43.5	13.0	12.9	32.9	1.4	H
4	203.879936	27.0	43.5	16.5	10.0	32.8	2.4	H
5	346.201687	20.2	46.0	25.8	13.4	32.5	2.7	H
6	559.710646	41.9	46.0	4.1	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 3		

802.11a_5500MHz

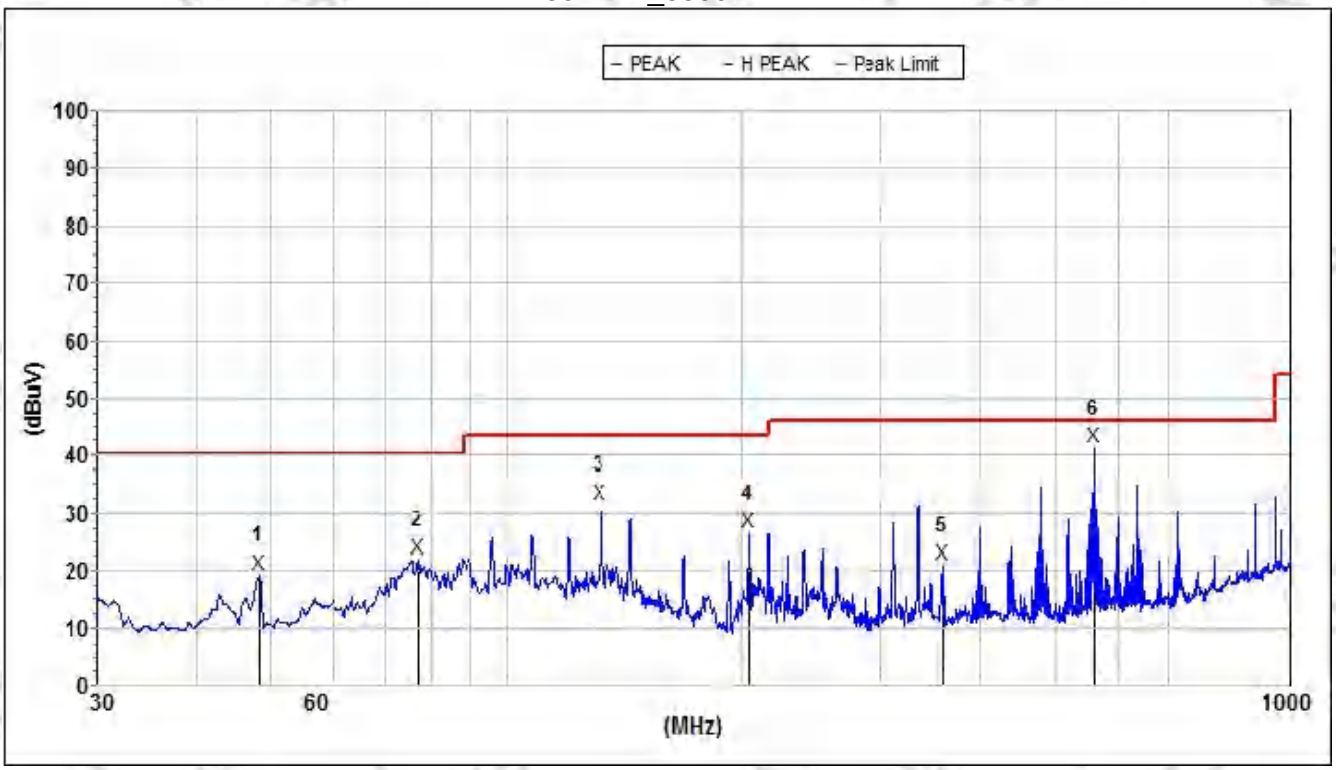


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	47.909933	20.2	40.0	19.8	13.7	32.6	0.8	V
2	74.005250	25.7	40.0	14.3	10.2	32.9	0.9	V
3	94.926381	26.5	43.5	17.0	9.8	32.9	1.3	V
4	191.409140	14.6	43.5	28.9	10.4	32.8	2.2	V
5	359.186005	17.2	46.0	28.8	14.0	32.5	2.7	V
6	559.710646	44.4	46.0	1.6	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 3		

802.11a_5580MHz

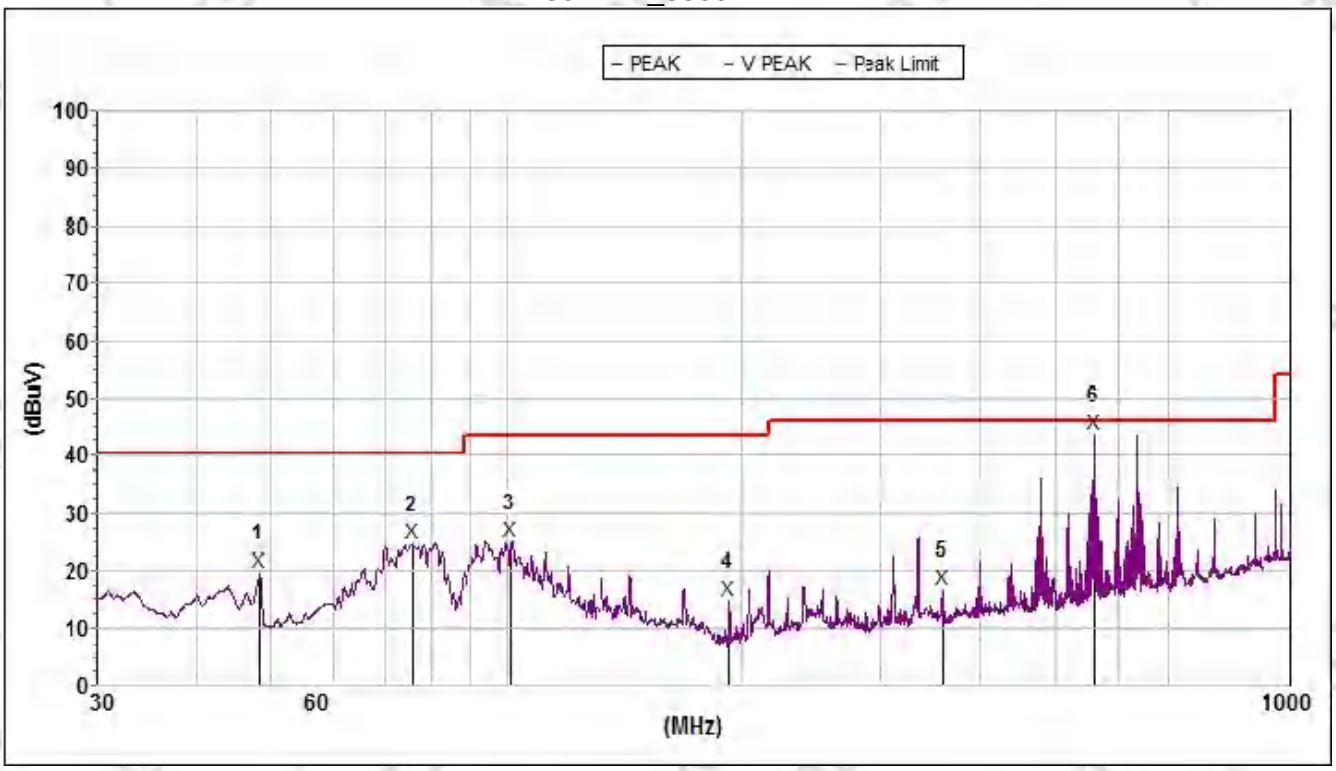


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.416591	19.3	40.0	20.7	13.6	32.6	0.8	H
2	76.915558	22.1	40.0	17.9	9.8	32.9	0.9	H
3	131.757724	31.6	43.5	11.9	12.9	32.9	1.4	H
4	203.879936	26.8	43.5	16.7	10.0	32.8	2.4	H
5	359.186005	21.2	46.0	24.8	13.5	32.5	2.7	H
6	559.710646	41.5	46.0	4.5	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 3		

802.11a_5580MHz

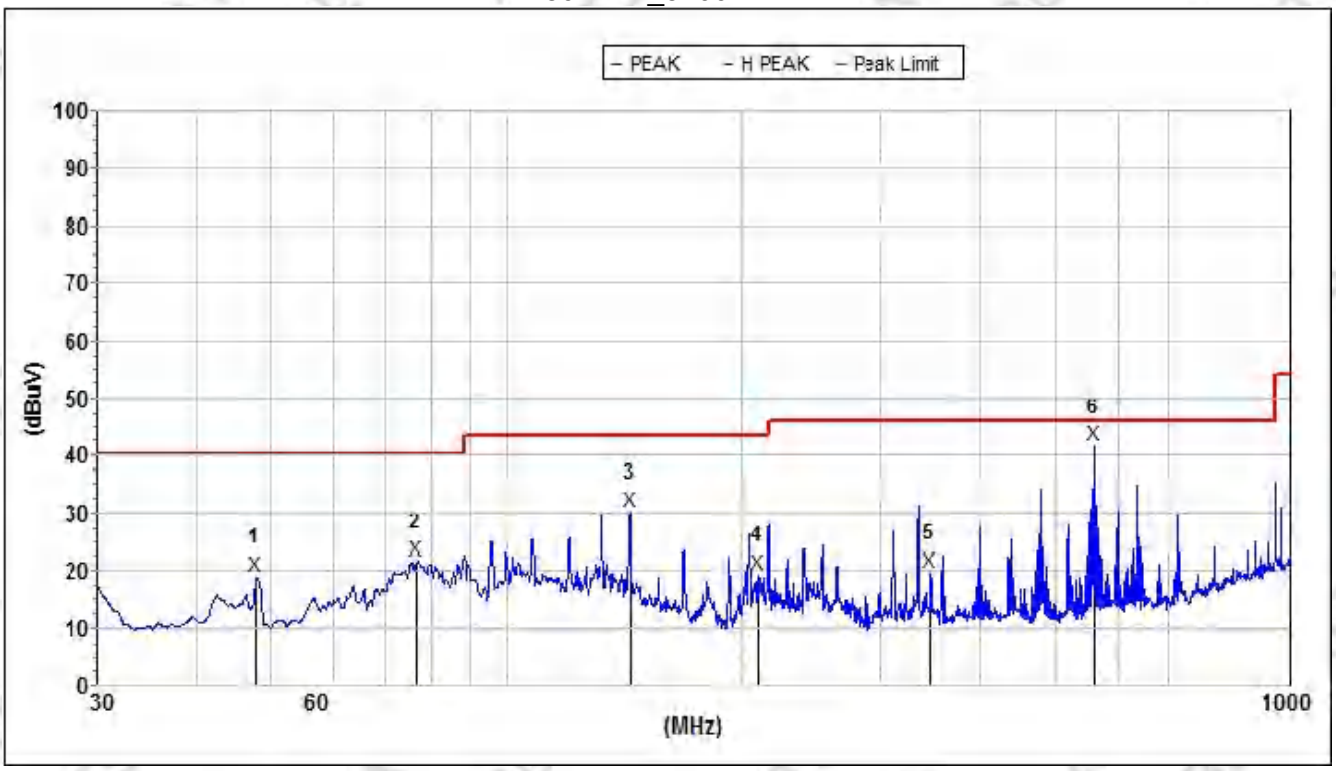


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	19.8	40.0	20.2	13.6	32.6	0.8	V
2	75.578767	24.6	40.0	15.4	10.0	32.9	0.9	V
3	101.288509	25.0	43.5	18.5	10.3	32.9	1.4	V
4	191.745028	14.7	43.5	28.8	10.4	32.8	2.2	V
5	359.186005	16.9	46.0	29.1	14.0	32.5	2.7	V
6	559.710646	43.8	46.0	2.2	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 3		

802.11a_5700MHz

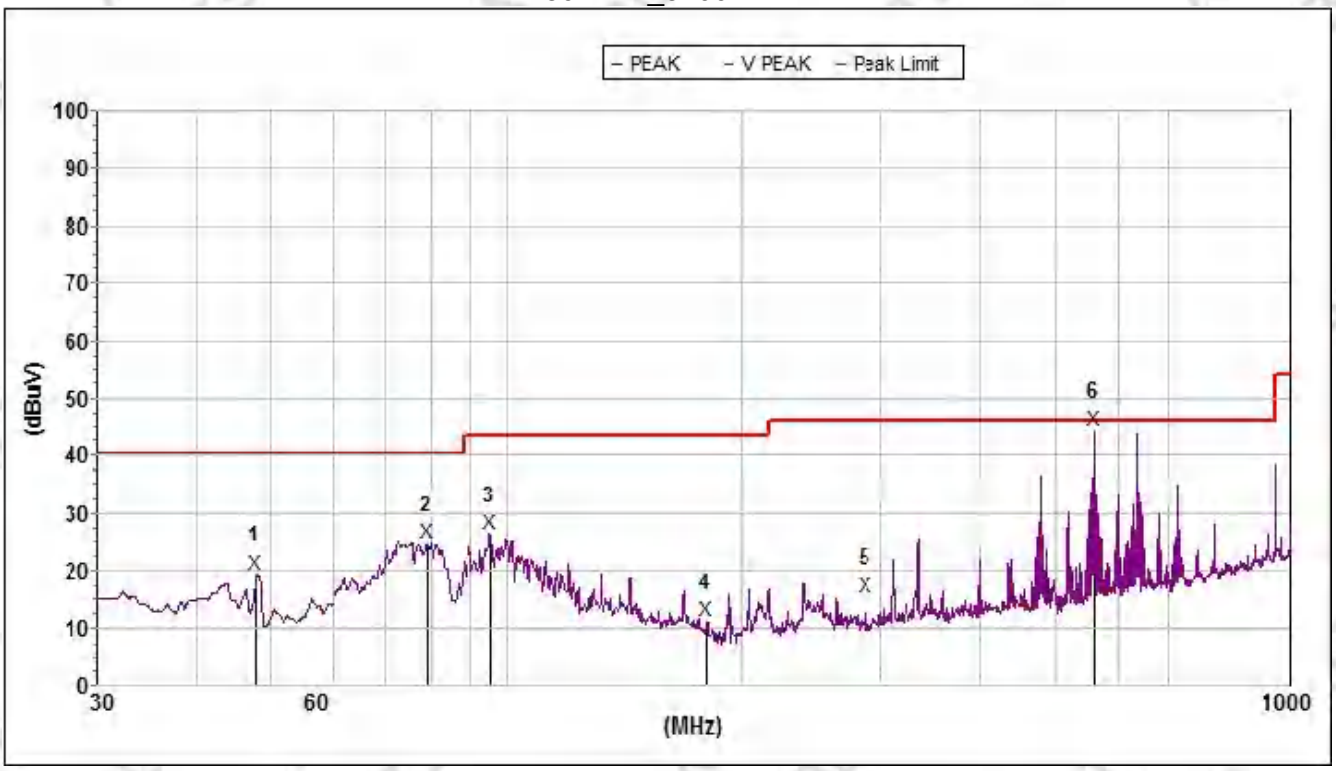


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	47.909933	19.1	40.0	20.9	13.7	32.6	0.8	H
2	76.512057	21.8	40.0	18.2	9.8	32.9	0.9	H
3	143.829528	30.4	43.5	13.1	13.8	32.9	1.3	H
4	209.680247	19.4	43.5	24.1	10.3	32.8	2.4	H
5	346.809207	19.6	46.0	26.4	13.4	32.5	2.7	H
6	559.710646	41.9	46.0	4.1	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 3		

802.11a_5700MHz

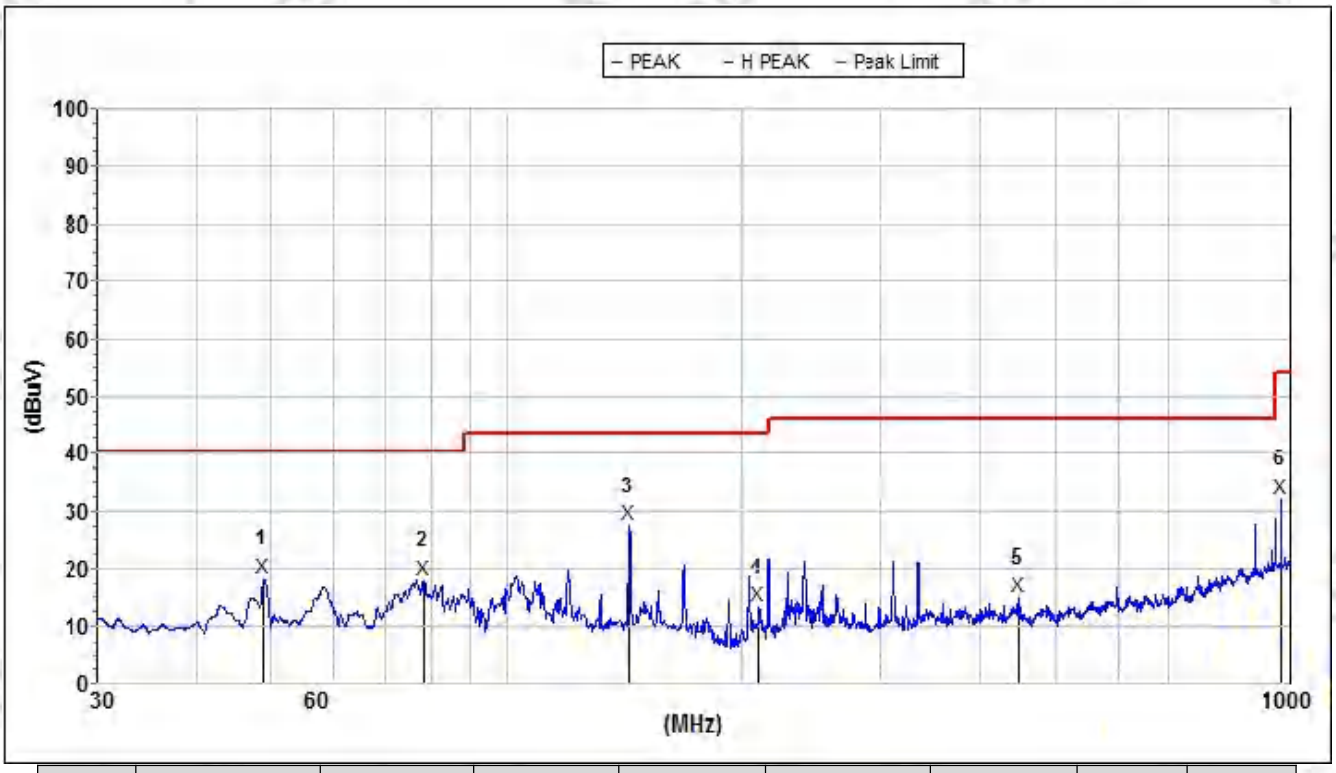


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	47.909933	19.3	40.0	20.7	13.7	32.6	0.8	V
2	78.965209	24.8	40.0	15.2	9.4	32.9	0.9	V
3	95.426993	26.4	43.5	17.1	9.8	32.9	1.3	V
4	179.701149	11.3	43.5	32.2	11.7	32.8	1.9	V
5	286.982336	15.6	46.0	30.4	12.5	32.7	2.6	V
6	559.710646	44.4	46.0	1.6	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 7		

802.11n20_5500MHz

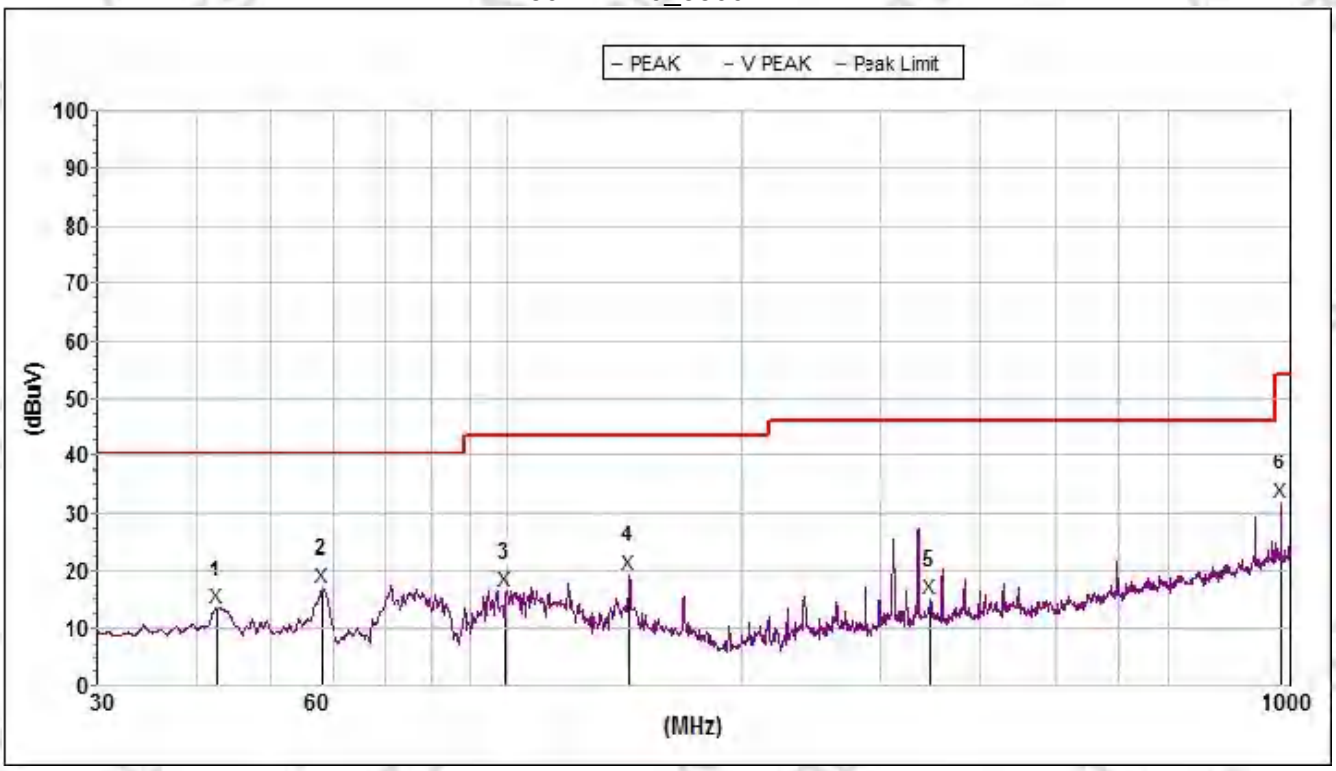


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.5	40.0	21.5	13.6	32.6	0.8	H
2	78.413354	18.0	40.0	22.0	9.5	32.9	0.9	H
3	143.326064	27.5	43.5	16.0	13.7	32.9	1.3	H
4	209.680247	13.5	43.5	30.0	10.3	32.8	2.4	H
5	449.555842	15.0	46.0	31.0	14.3	32.4	2.7	H
6	974.043628	32.1	54.0	21.9	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 7		

802.11n20_5500MHz

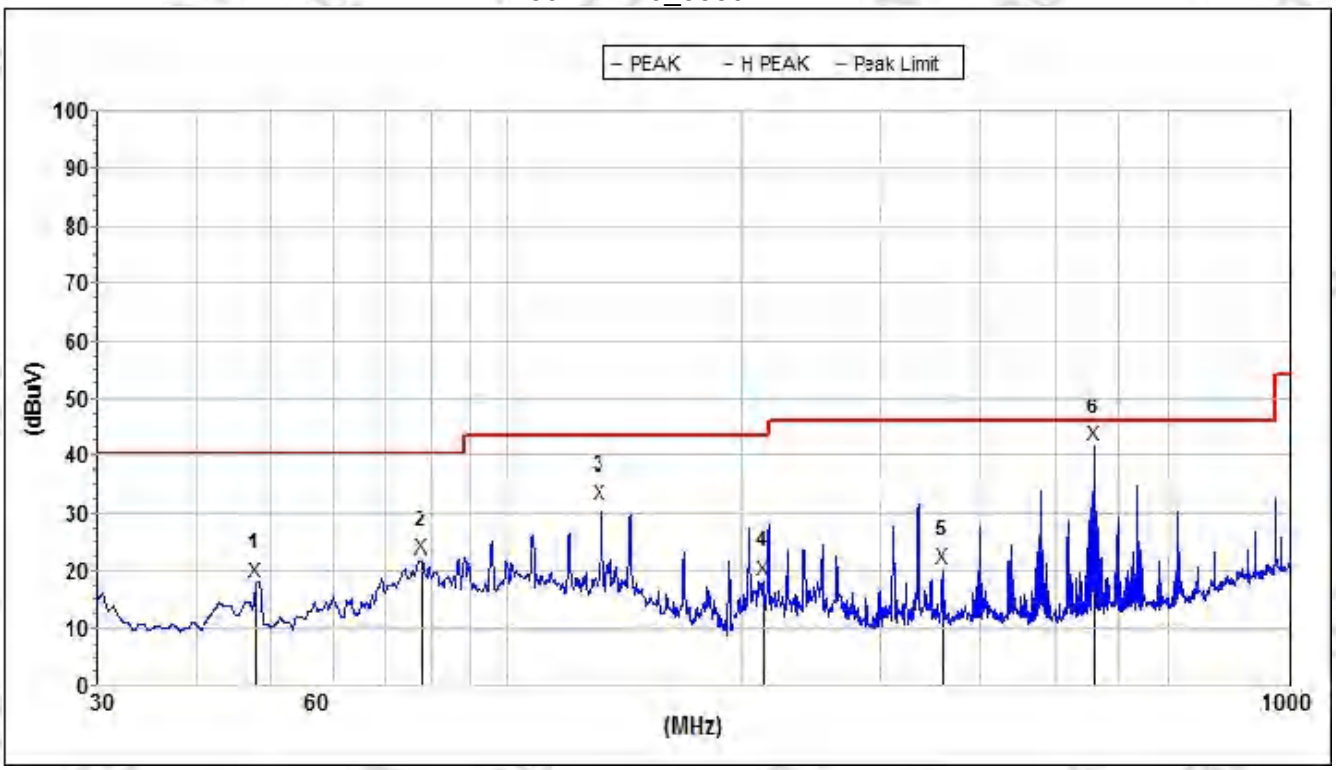


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	42.599954	13.6	40.0	26.4	13.9	32.4	0.8	V
2	58.101039	17.0	40.0	23.0	12.9	32.7	0.8	V
3	99.702770	16.6	43.5	26.9	10.1	32.9	1.4	V
4	143.326064	19.4	43.5	24.1	13.7	32.9	1.3	V
5	346.201687	15.2	46.0	30.8	13.8	32.5	2.7	V
6	974.043628	31.9	54.0	22.1	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 7		

802.11n20_5580MHz

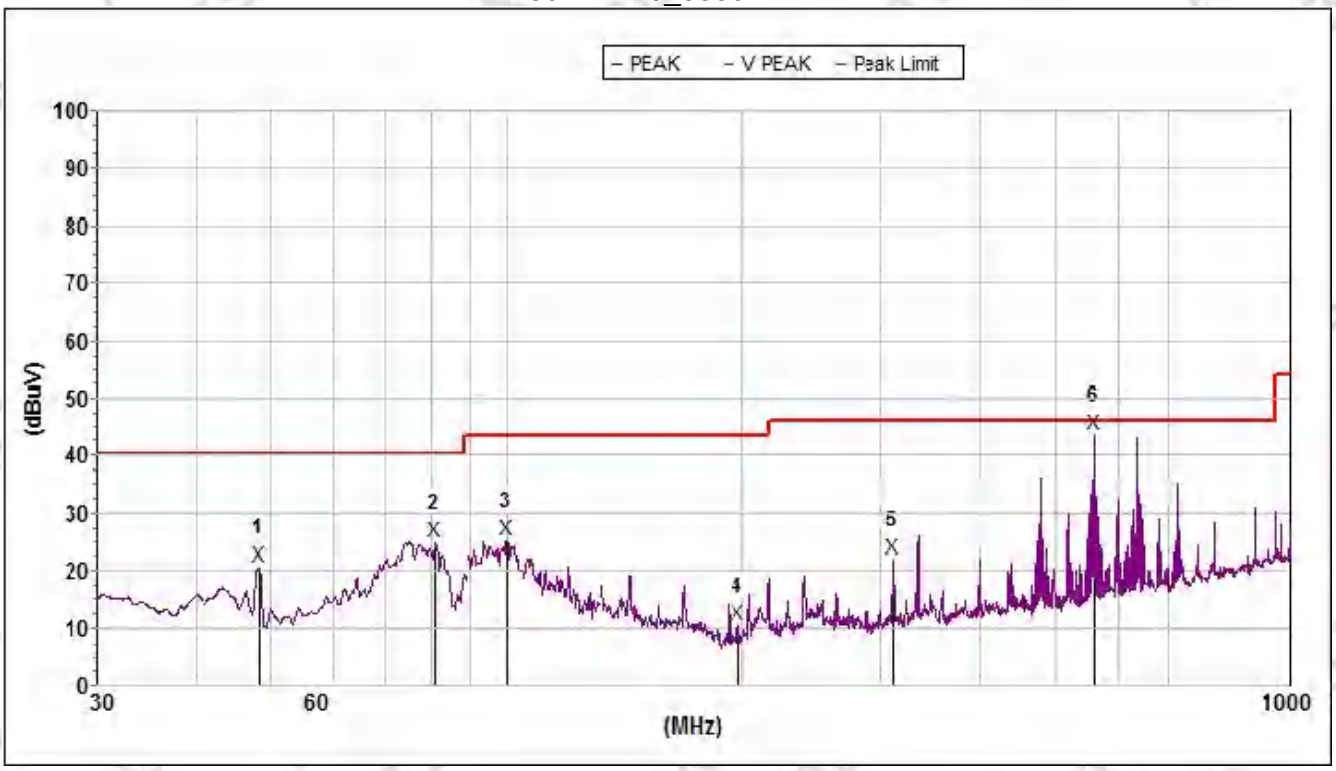


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	47.909933	18.1	40.0	21.9	13.7	32.6	0.8	H
2	78.001995	21.9	40.0	18.1	9.6	32.9	0.9	H
3	131.757724	31.6	43.5	11.9	12.9	32.9	1.4	H
4	212.641993	18.4	43.5	25.1	10.4	32.8	2.4	H
5	359.186005	20.5	46.0	25.5	13.5	32.5	2.7	H
6	559.710646	41.7	46.0	4.3	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 7		

802.11n20_5580MHz

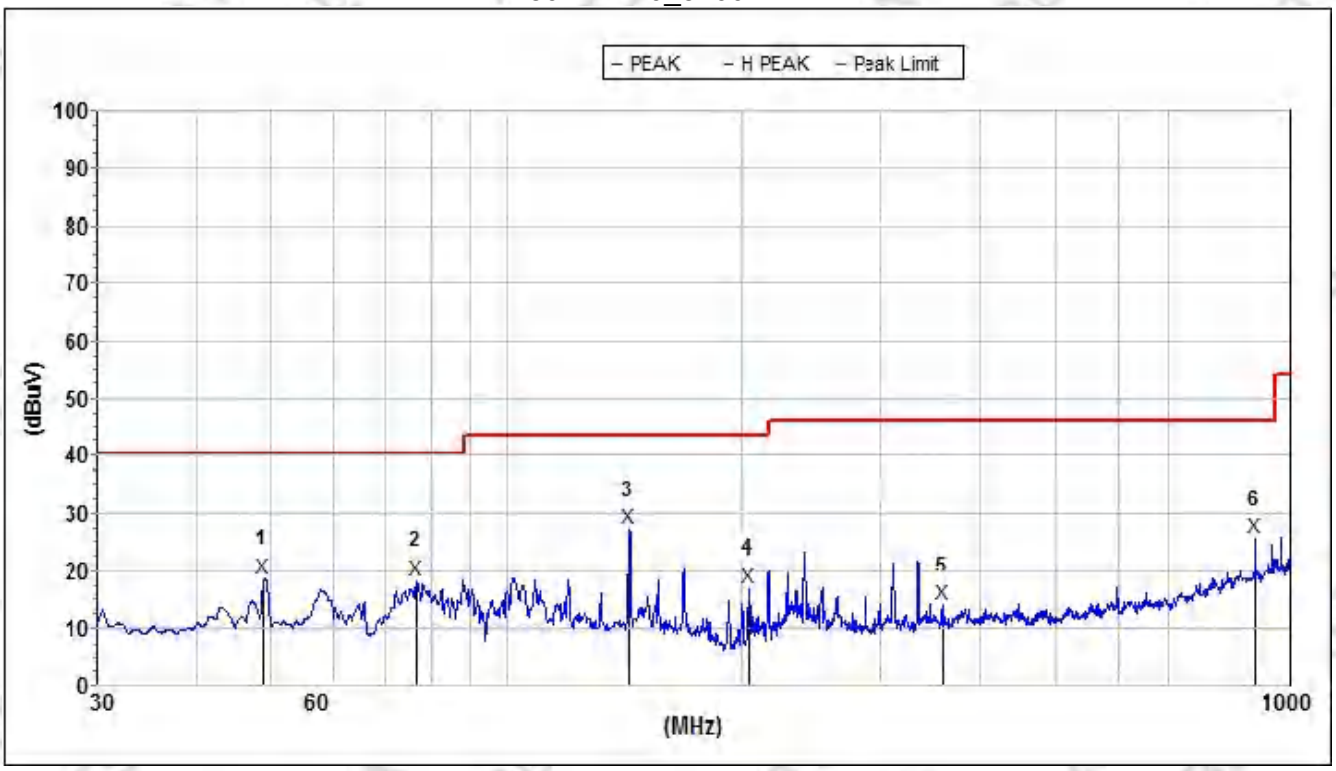


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	48.416591	20.7	40.0	19.3	13.6	32.6	0.8	V
2	80.785701	24.9	40.0	15.1	9.3	32.9	1.0	V
3	100.228572	25.3	43.5	18.2	10.2	32.9	1.4	V
4	197.200105	10.6	43.5	32.9	10.1	32.8	2.3	V
5	311.632553	21.9	46.0	24.1	13.0	32.7	2.7	V
6	559.710646	43.7	46.0	2.3	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 7		

802.11n20_5700MHz

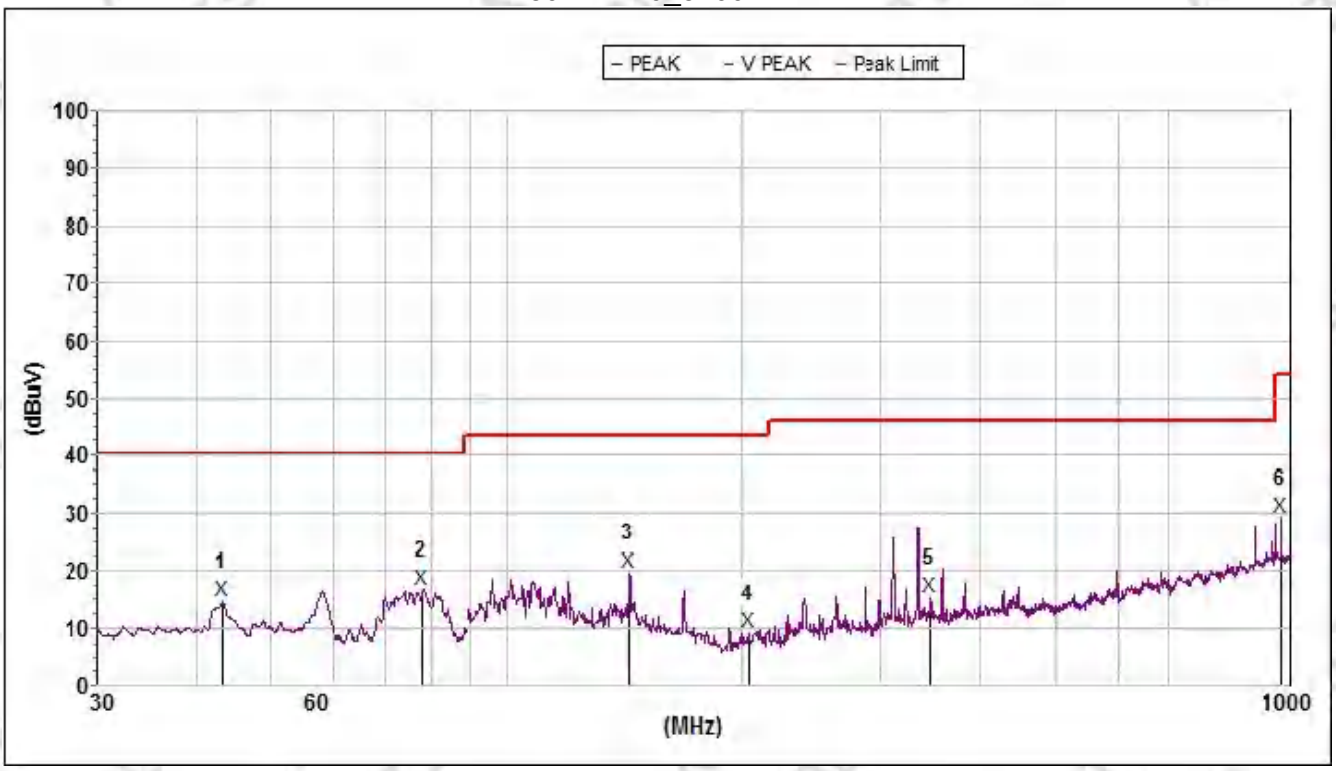


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.7	40.0	21.3	13.6	32.6	0.8	H
2	76.512057	18.5	40.0	21.5	9.8	32.9	0.9	H
3	143.326064	27.4	43.5	16.1	13.7	32.9	1.3	H
4	203.879936	17.1	43.5	26.4	10.0	32.8	2.4	H
5	359.186005	14.1	46.0	31.9	13.5	32.5	2.7	H
6	898.570586	25.8	46.0	20.2	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 7		

802.11n20_5700MHz

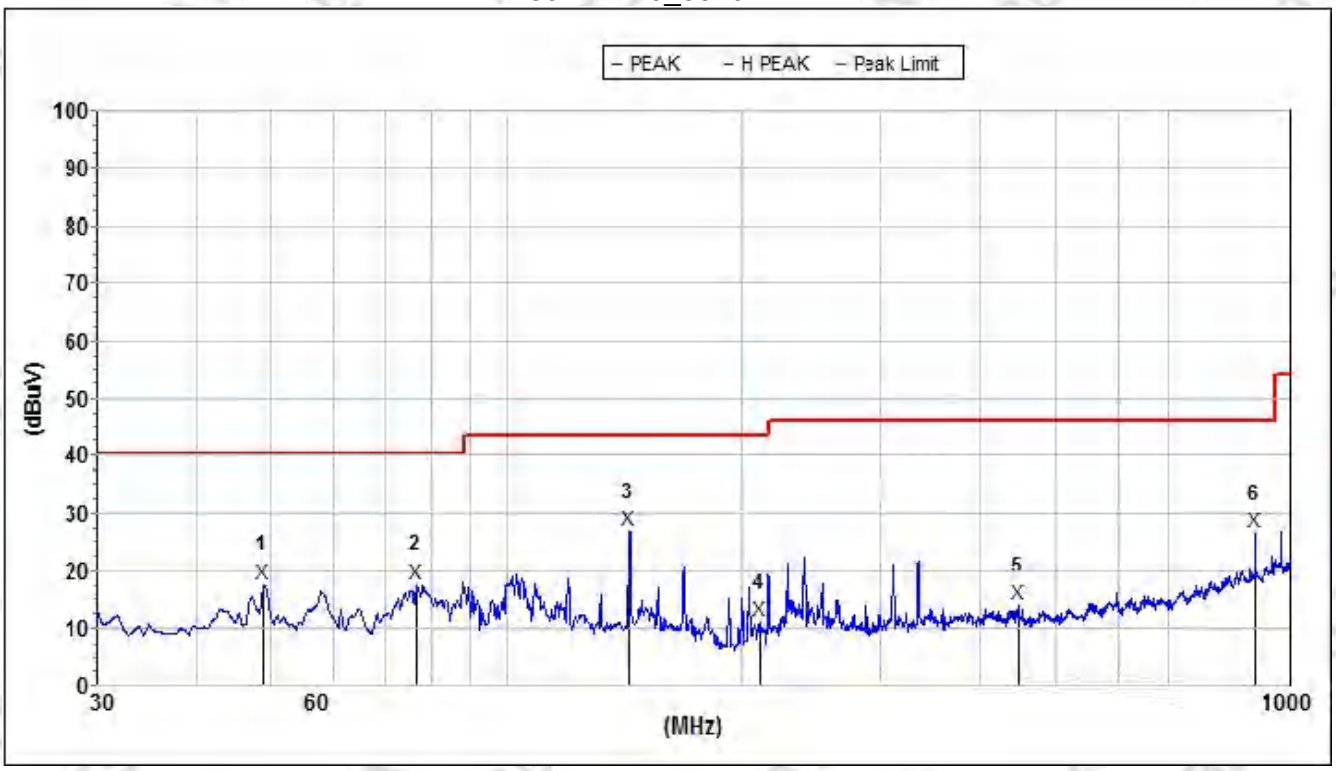


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.505724	14.7	40.0	25.3	13.9	32.5	0.8	V
2	78.001995	16.8	40.0	23.2	9.6	32.9	0.9	V
3	143.326064	19.9	43.5	23.6	13.7	32.9	1.3	V
4	203.879936	9.2	43.5	34.3	10.0	32.8	2.4	V
5	346.201687	15.3	46.0	30.7	13.8	32.5	2.7	V
6	974.043628	29.3	54.0	24.7	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 11		

802.11n40_5510MHz

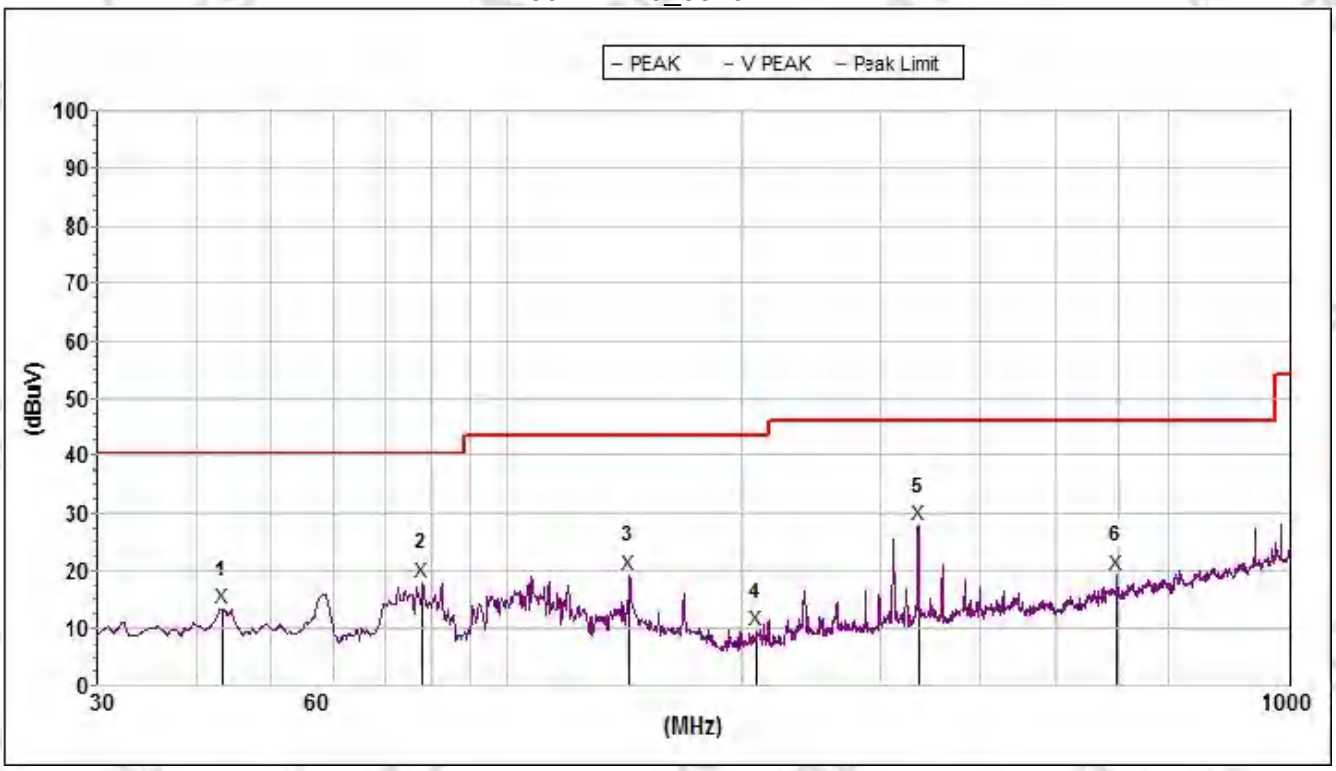


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	17.8	40.0	22.2	13.6	32.6	0.8	H
2	76.512057	17.6	40.0	22.4	9.8	32.9	0.9	H
3	143.326064	27.1	43.5	16.4	13.7	32.9	1.3	H
4	210.416793	11.2	43.5	32.3	10.3	32.8	2.4	H
5	449.555842	14.1	46.0	31.9	14.3	32.4	2.7	H
6	898.570586	26.8	46.0	19.2	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 11		

802.11n40_5510MHz

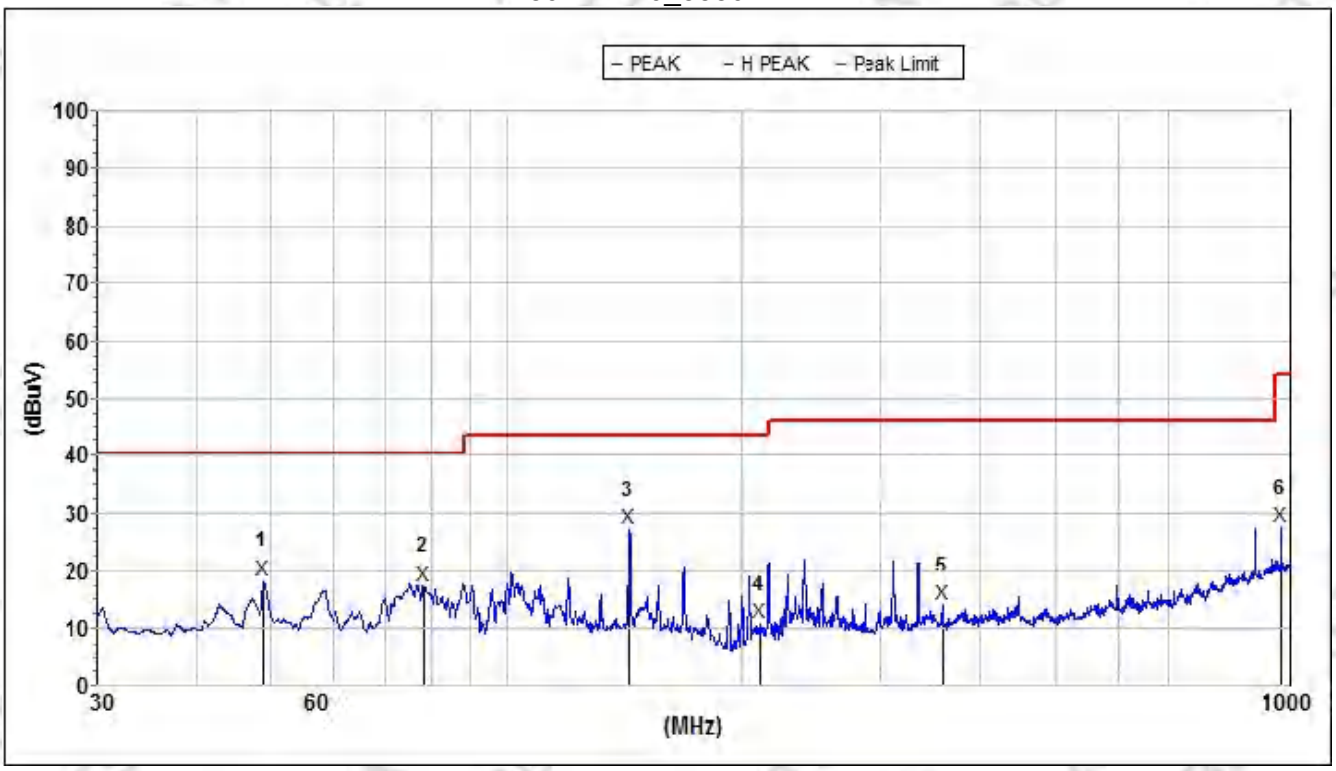


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.505724	13.4	40.0	26.6	13.9	32.5	0.8	V
2	78.001995	18.1	40.0	21.9	9.6	32.9	0.9	V
3	143.326064	19.3	43.5	24.2	13.7	32.9	1.3	V
4	208.214879	9.6	43.5	33.9	10.2	32.8	2.4	V
5	334.858889	27.8	46.0	18.2	13.5	32.6	2.7	V
6	599.321287	19.5	46.0	26.5	18.3	32.4	3.3	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 11		

802.11n40_5550MHz

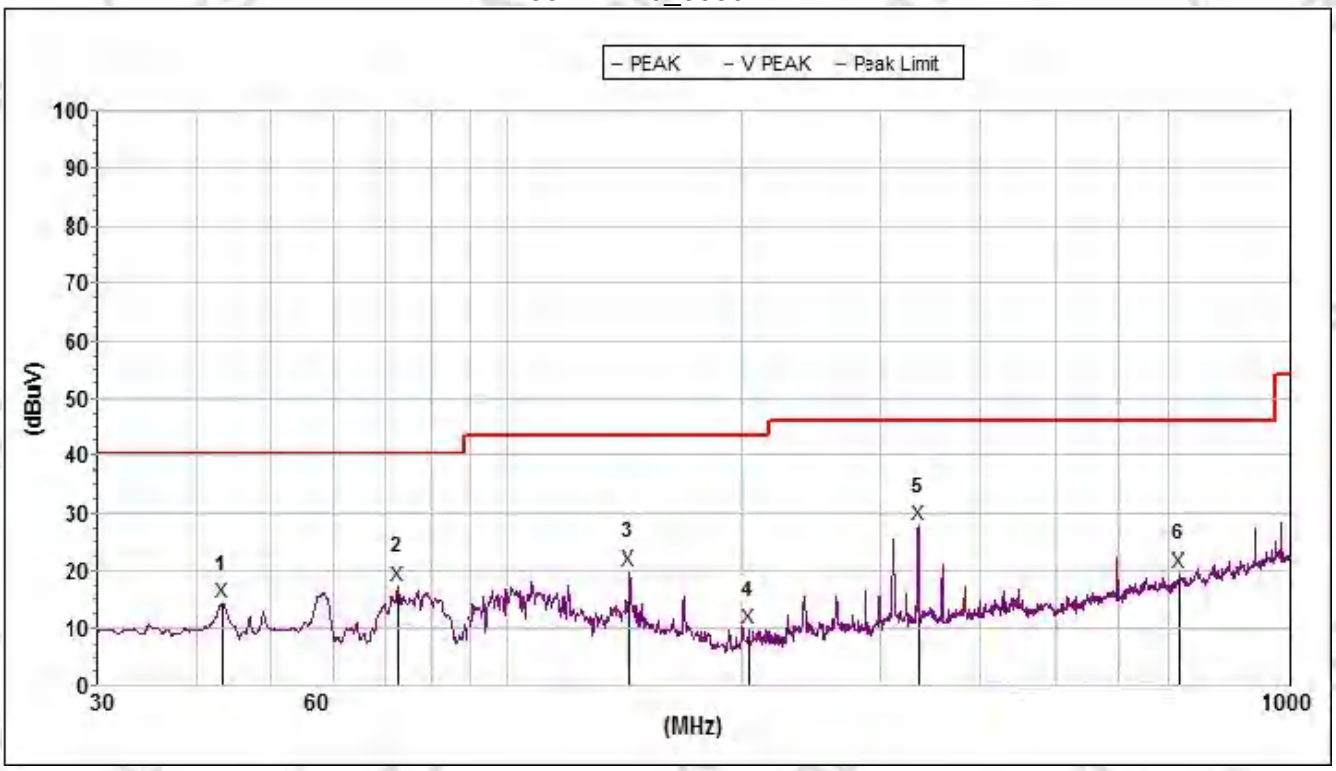


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.5	40.0	21.5	13.6	32.6	0.8	H
2	78.138875	17.5	40.0	22.5	9.6	32.9	0.9	H
3	143.326064	27.2	43.5	16.3	13.7	32.9	1.3	H
4	210.416793	10.7	43.5	32.8	10.3	32.8	2.4	H
5	359.186005	14.2	46.0	31.8	13.5	32.5	2.7	H
6	974.043628	27.6	54.0	26.4	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 11		

802.11n40_5550MHz

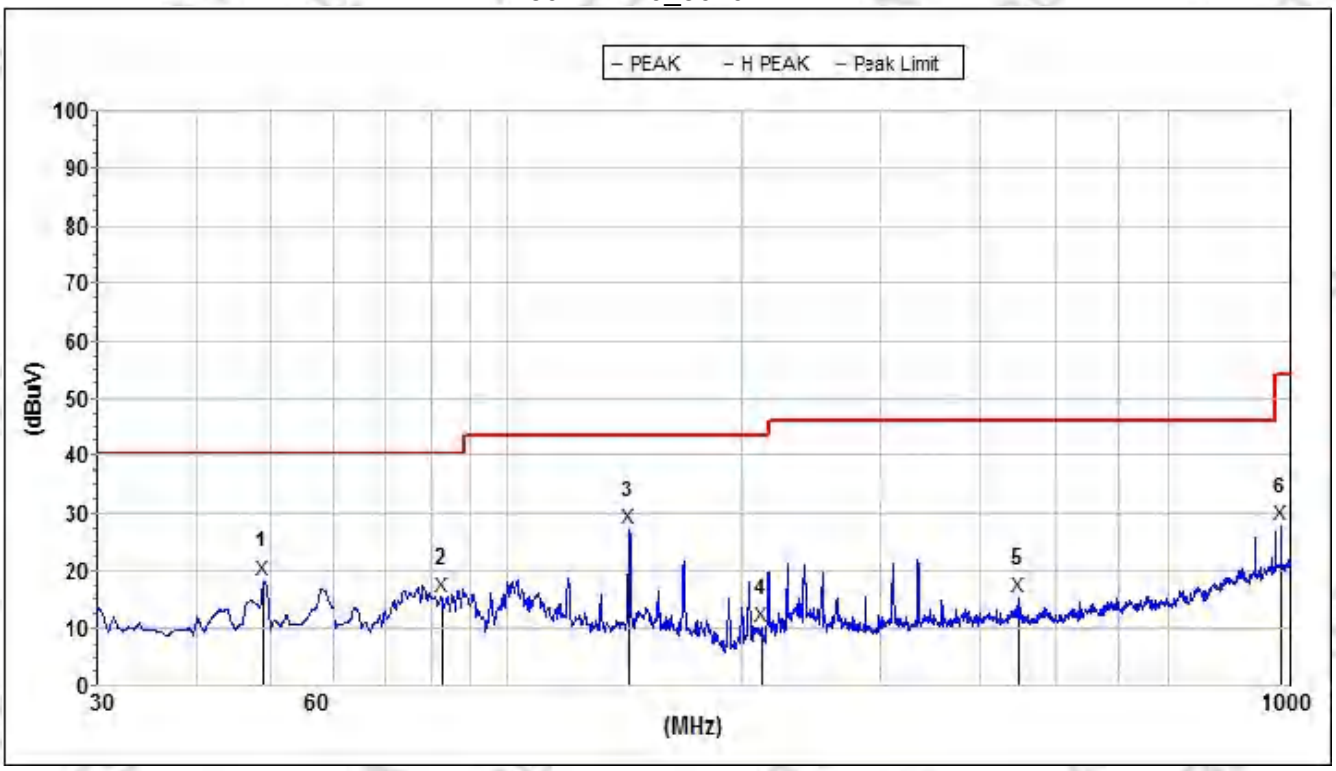


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.505724	14.4	40.0	25.6	13.9	32.5	0.8	V
2	72.591655	17.4	40.0	22.6	10.4	32.8	0.9	V
3	143.326064	20.0	43.5	23.5	13.7	32.9	1.3	V
4	203.879936	9.9	43.5	33.6	10.0	32.8	2.4	V
5	334.858889	27.8	46.0	18.2	13.5	32.6	2.7	V
6	722.992373	19.9	46.0	26.1	19.9	32.2	3.6	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 11		

802.11n40_5670MHz

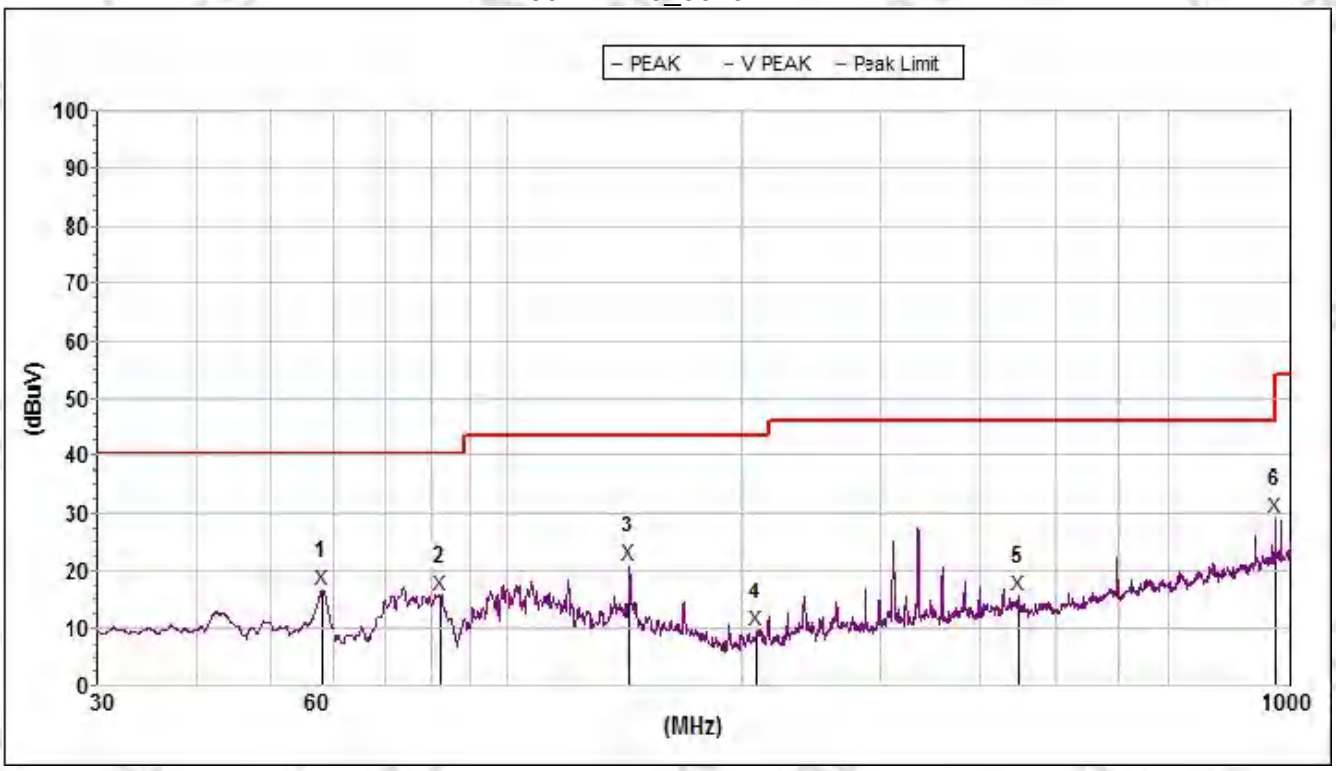


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.4	40.0	21.6	13.6	32.6	0.8	H
2	82.358861	15.6	40.0	24.4	9.3	32.9	1.0	H
3	143.326064	27.3	43.5	16.2	13.7	32.9	1.3	H
4	211.526467	10.2	43.5	33.3	10.3	32.8	2.4	H
5	449.555842	15.4	46.0	30.6	14.3	32.4	2.7	H
6	974.043628	27.9	54.0	26.1	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 11		

802.11n40_5670MHz

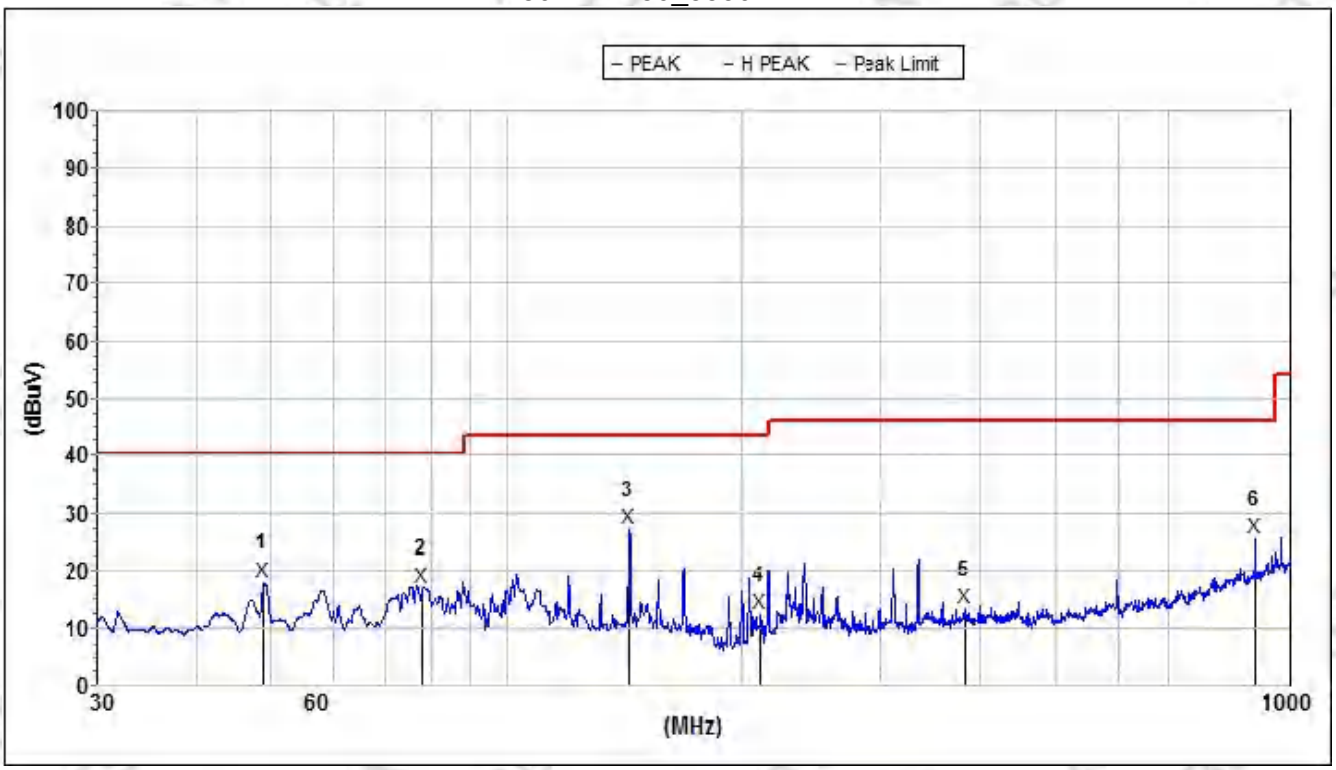


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	58.101039	16.9	40.0	23.1	12.9	32.7	0.8	V
2	82.214590	15.9	40.0	24.1	9.3	32.9	1.0	V
3	143.326064	20.9	43.5	22.6	13.7	32.9	1.3	V
4	208.214879	9.6	43.5	33.9	10.2	32.8	2.4	V
5	449.555842	15.9	46.0	30.1	16.0	32.4	2.7	V
6	958.794326	29.4	46.0	16.6	22.2	31.2	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 23		

802.11ac80_5530MHz

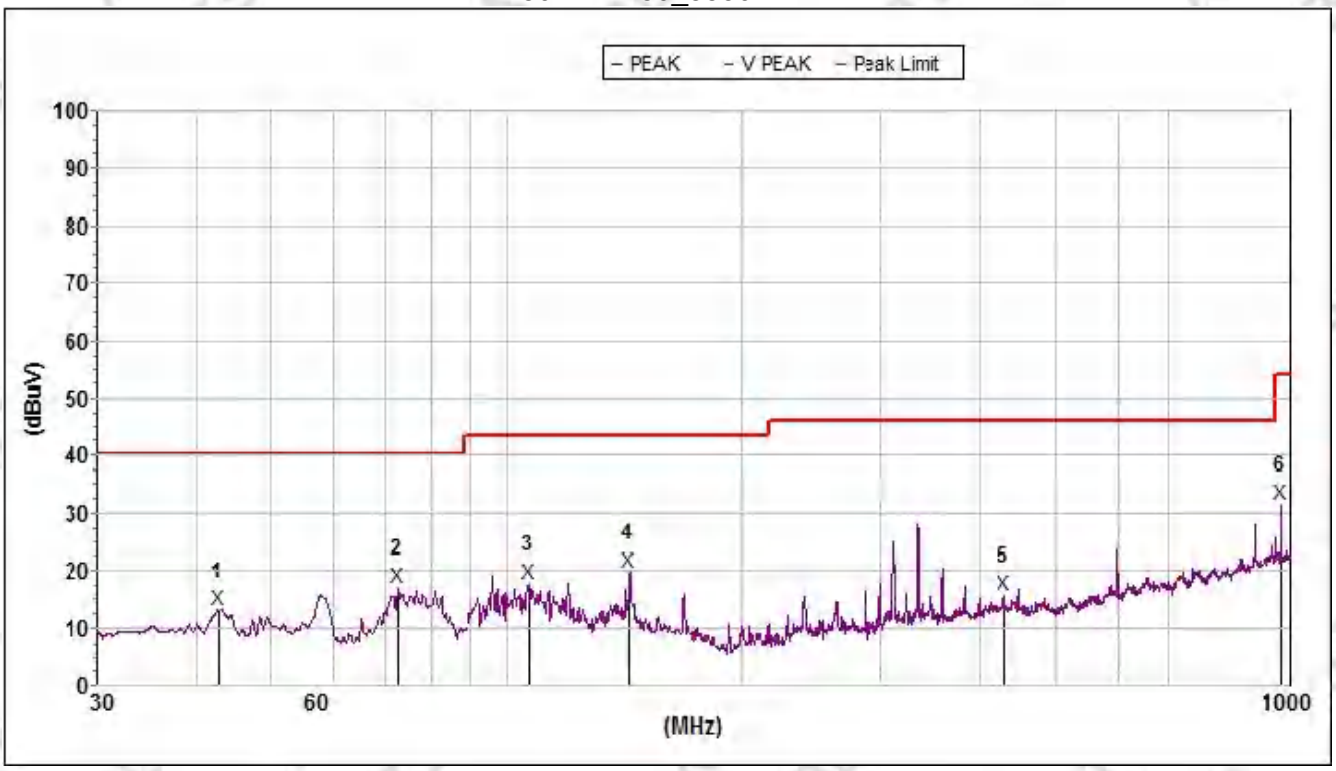


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.2	40.0	21.8	13.6	32.6	0.8	H
2	78.001995	17.1	40.0	22.9	9.6	32.9	0.9	H
3	143.326064	27.2	43.5	16.3	13.7	32.9	1.3	H
4	210.786036	12.5	43.5	31.0	10.3	32.8	2.4	H
5	382.587894	13.4	46.0	32.6	13.7	32.4	2.7	H
6	898.570586	25.5	46.0	20.5	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 23		

802.11ac80_5530MHz

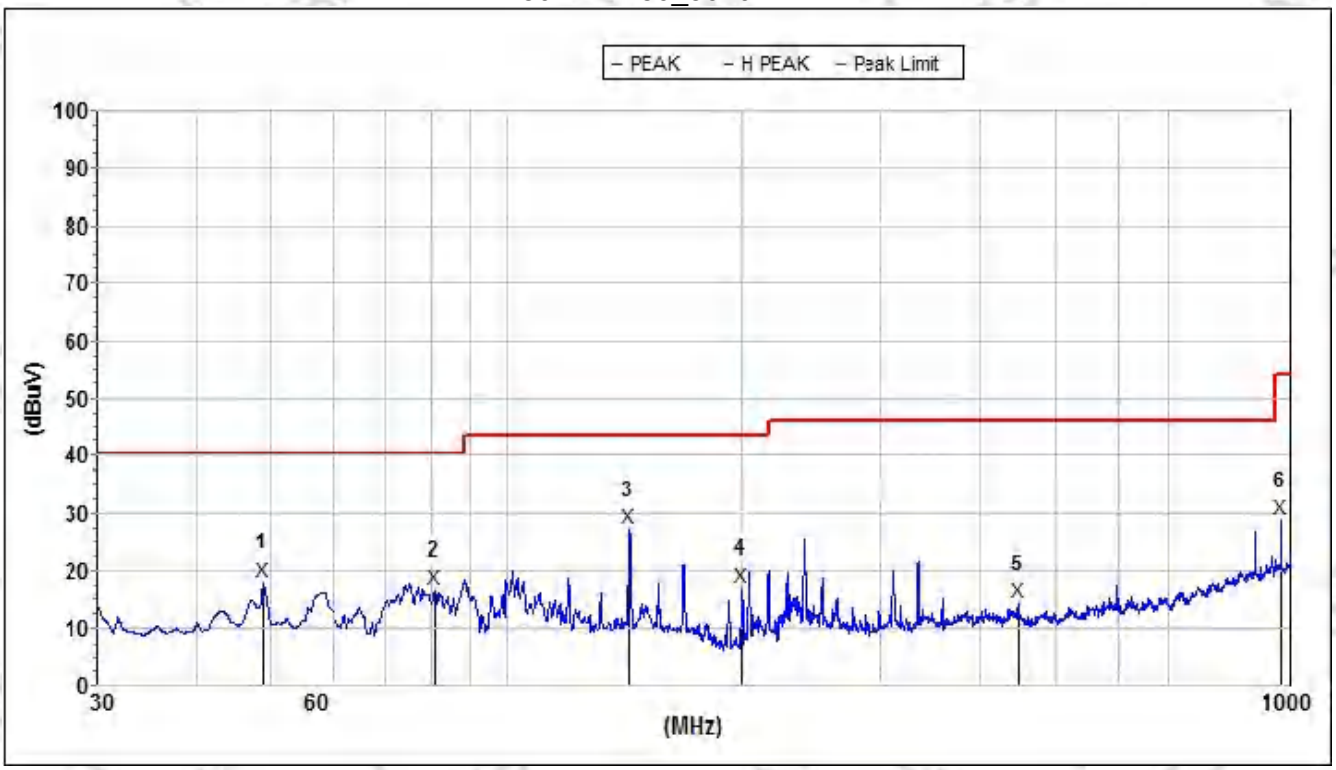


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.050457	13.3	40.0	26.7	13.9	32.5	0.8	V
2	72.591655	17.1	40.0	22.9	10.4	32.8	0.9	V
3	106.571707	17.7	43.5	25.8	10.8	32.9	1.4	V
4	143.326064	19.9	43.5	23.6	13.7	32.9	1.3	V
5	431.031591	15.7	46.0	30.3	15.5	32.4	2.7	V
6	974.043628	31.5	54.0	22.5	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 23		

802.11ac80_5610MHz

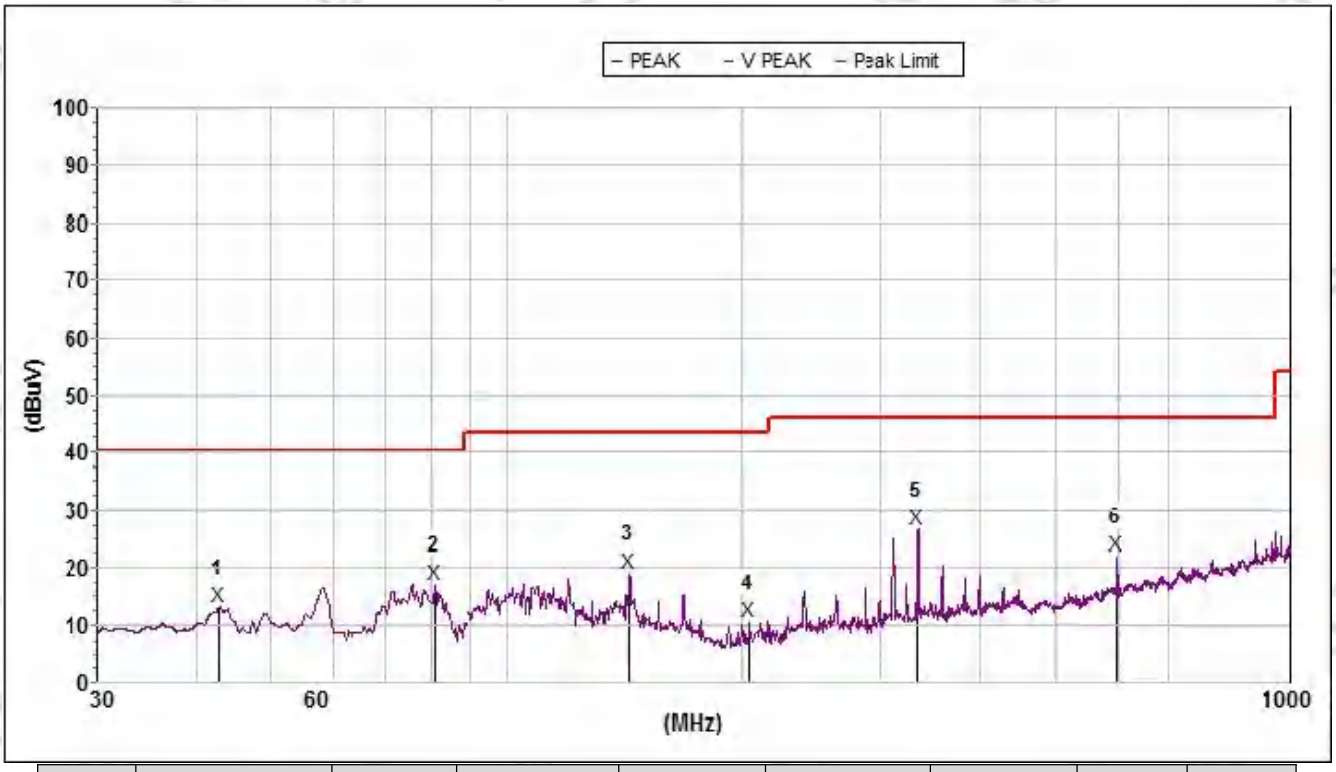


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.2	40.0	21.8	13.6	32.6	0.8	H
2	80.785701	16.9	40.0	23.1	9.3	32.9	1.0	H
3	143.326064	27.3	43.5	16.2	13.7	32.9	1.3	H
4	199.985568	17.1	43.5	26.4	9.9	32.8	2.3	H
5	449.555842	14.6	46.0	31.4	14.3	32.4	2.7	H
6	974.043628	28.9	54.0	25.1	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 23		

802.11ac80_5610MHz



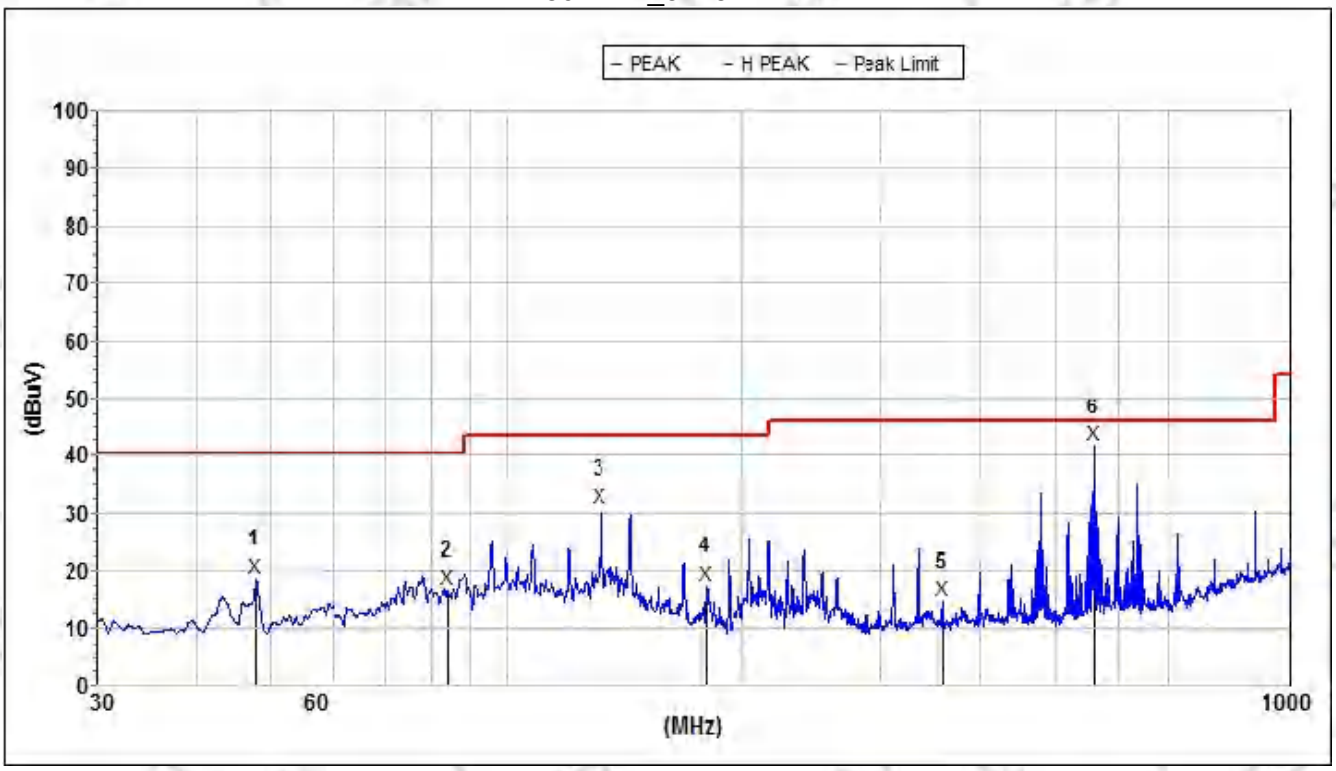
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.050457	13.3	40.0	26.7	13.9	32.5	0.8	V
2	80.785701	17.2	40.0	22.8	9.3	32.9	1.0	V
3	143.326064	19.1	43.5	24.4	13.7	32.9	1.3	V
4	203.879936	10.6	43.5	32.9	10.0	32.8	2.4	V
5	334.272302	26.8	46.0	19.2	13.5	32.6	2.7	V
6	599.321287	22.1	46.0	23.9	18.3	32.4	3.3	V

30MHz - 1GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 4		

802.11a_5745MHz

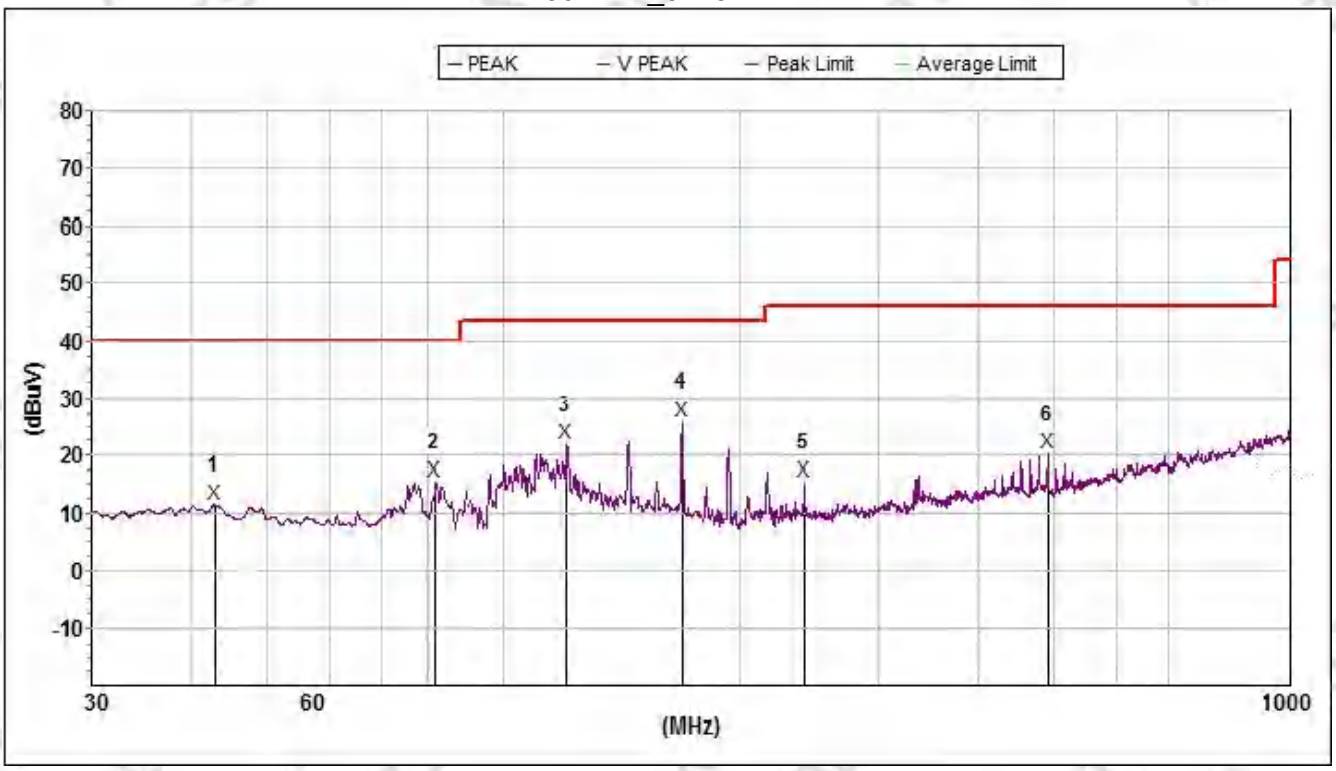


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	47.909933	18.8	40.0	21.2	13.7	32.6	0.8	H
2	83.815575	16.9	40.0	23.1	9.3	32.9	1.0	H
3	131.757724	30.9	43.5	12.6	12.9	32.9	1.4	H
4	179.701149	17.4	43.5	26.1	11.7	32.8	1.9	H
5	359.186005	14.9	46.0	31.1	13.5	32.5	2.7	H
6	559.710646	41.8	46.0	4.2	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 4		

802.11a_5745MHz

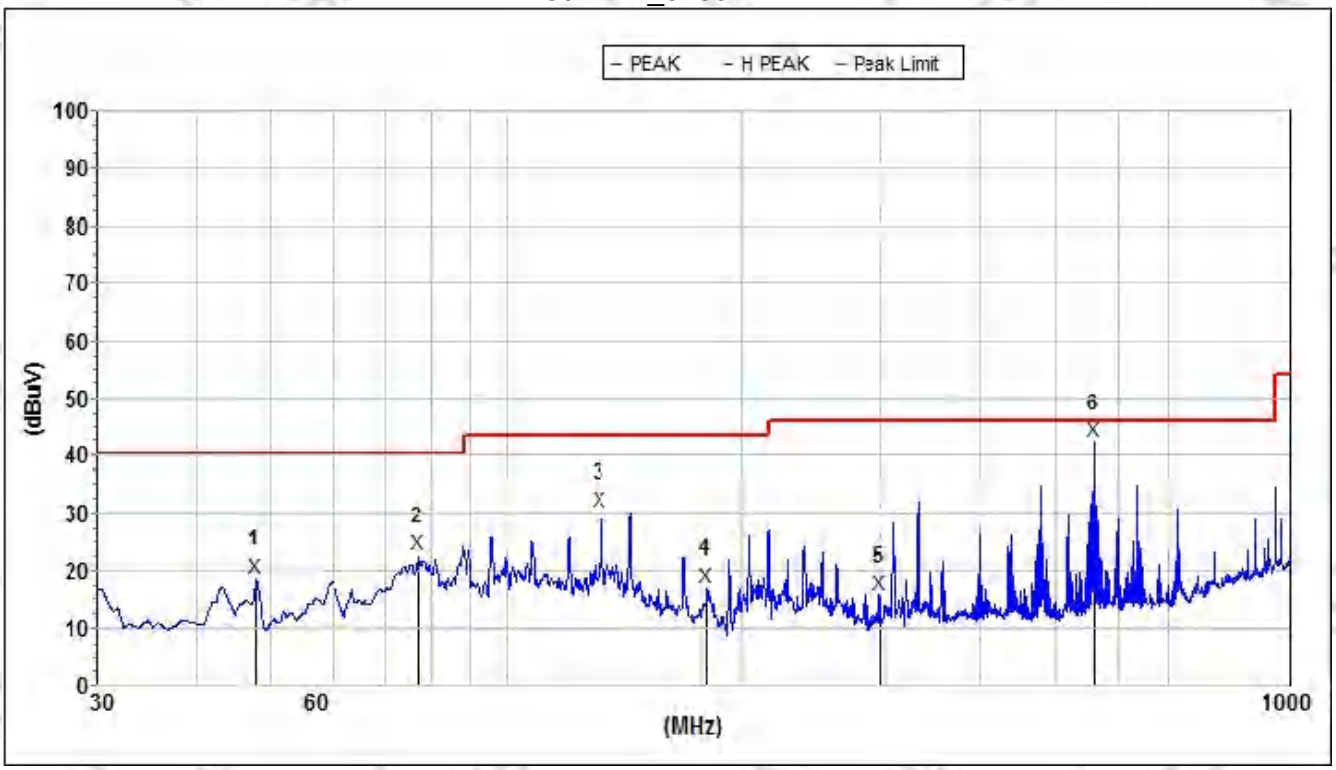


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	47.909933	20.1	40.0	19.9	13.7	32.6	0.8	V
2	80.785701	25.2	40.0	14.8	9.3	32.9	1.0	V
3	95.426993	26.0	43.5	17.5	9.8	32.9	1.3	V
4	168.118752	15.9	43.5	27.6	13.4	32.9	1.7	V
5	299.315848	13.4	46.0	32.6	12.8	32.7	2.7	V
6	559.710646	44.0	46.0	2.0	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 4		

802.11a_5785MHz

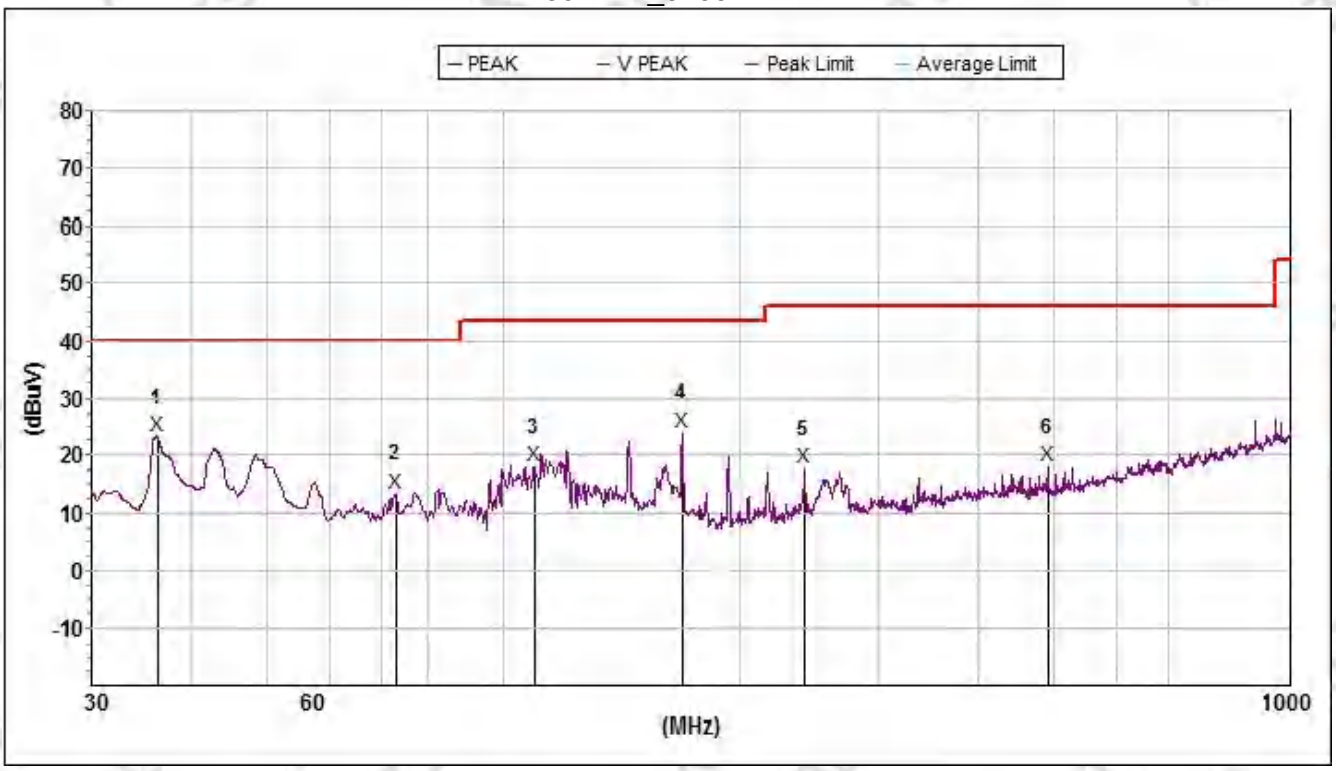


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	47.909933	18.8	40.0	21.2	13.7	32.6	0.8	H
2	76.915558	22.6	40.0	17.4	9.8	32.9	0.9	H
3	131.757724	30.2	43.5	13.3	12.9	32.9	1.4	H
4	179.701149	17.1	43.5	26.4	11.7	32.8	1.9	H
5	299.315848	15.9	46.0	30.1	12.8	32.7	2.7	H
6	559.710646	42.5	46.0	3.5	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 4		

802.11a_5785MHz

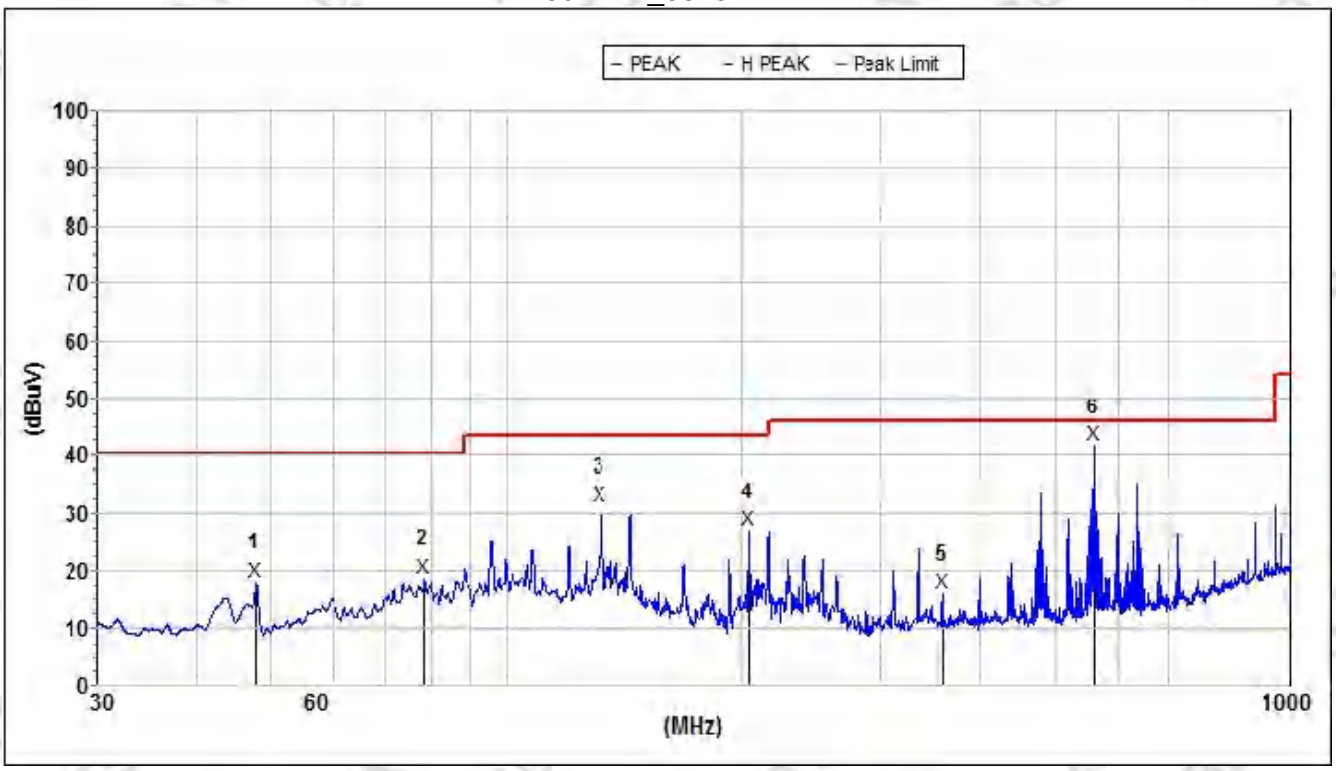


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	47.909933	19.5	40.0	20.5	13.7	32.6	0.8	V
2	75.050579	26.2	40.0	13.8	10.0	32.9	0.9	V
3	100.228572	26.2	43.5	17.3	10.2	32.9	1.4	V
4	168.118752	16.8	43.5	26.7	13.4	32.9	1.7	V
5	286.982336	15.0	46.0	31.0	12.5	32.7	2.6	V
6	559.710646	44.3	46.0	1.7	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 4		

802.11a_5825MHz

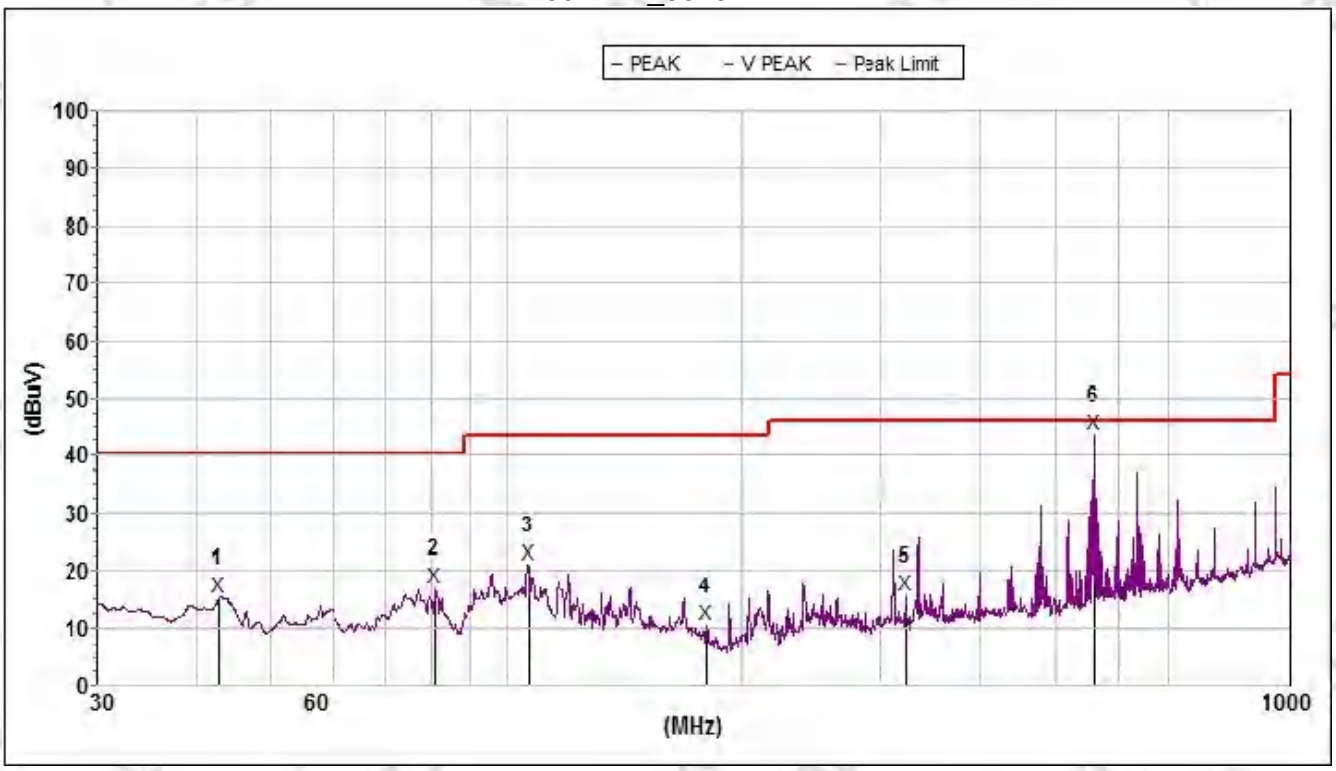


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	47.909933	18.2	40.0	21.8	13.7	32.6	0.8	H
2	78.413354	18.8	40.0	21.2	9.5	32.9	0.9	H
3	131.757724	31.3	43.5	12.2	12.9	32.9	1.4	H
4	203.879936	27.0	43.5	16.5	10.0	32.8	2.4	H
5	359.186005	16.2	46.0	29.8	13.5	32.5	2.7	H
6	559.710646	41.7	46.0	4.3	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 4		

802.11a_5825MHz

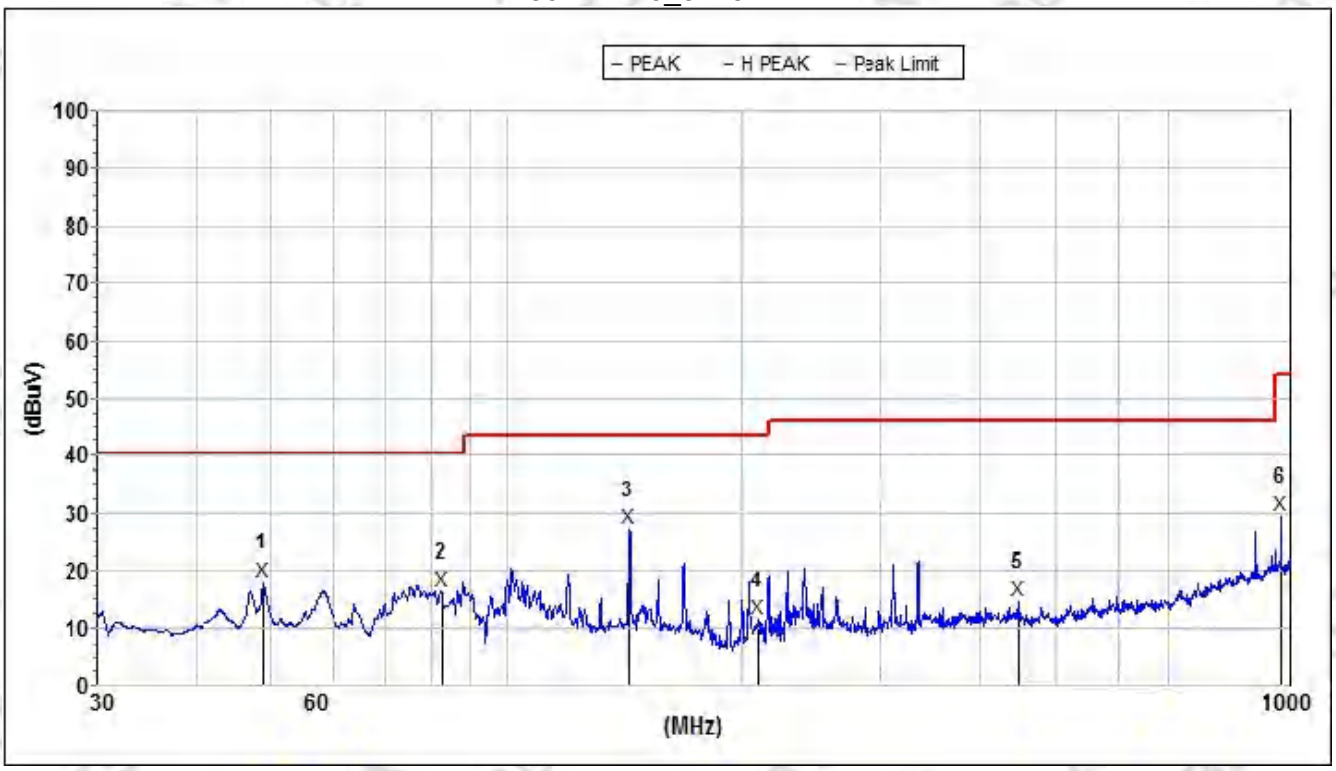


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.050457	15.3	40.0	24.7	13.9	32.5	0.8	V
2	80.785701	17.0	40.0	23.0	9.3	32.9	1.0	V
3	106.571707	21.2	43.5	22.3	10.8	32.9	1.4	V
4	179.701149	10.5	43.5	33.0	11.7	32.8	1.9	V
5	323.320353	15.8	46.0	30.2	13.3	32.6	2.7	V
6	559.710646	43.7	46.0	2.3	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 8		

802.11n20_5745MHz

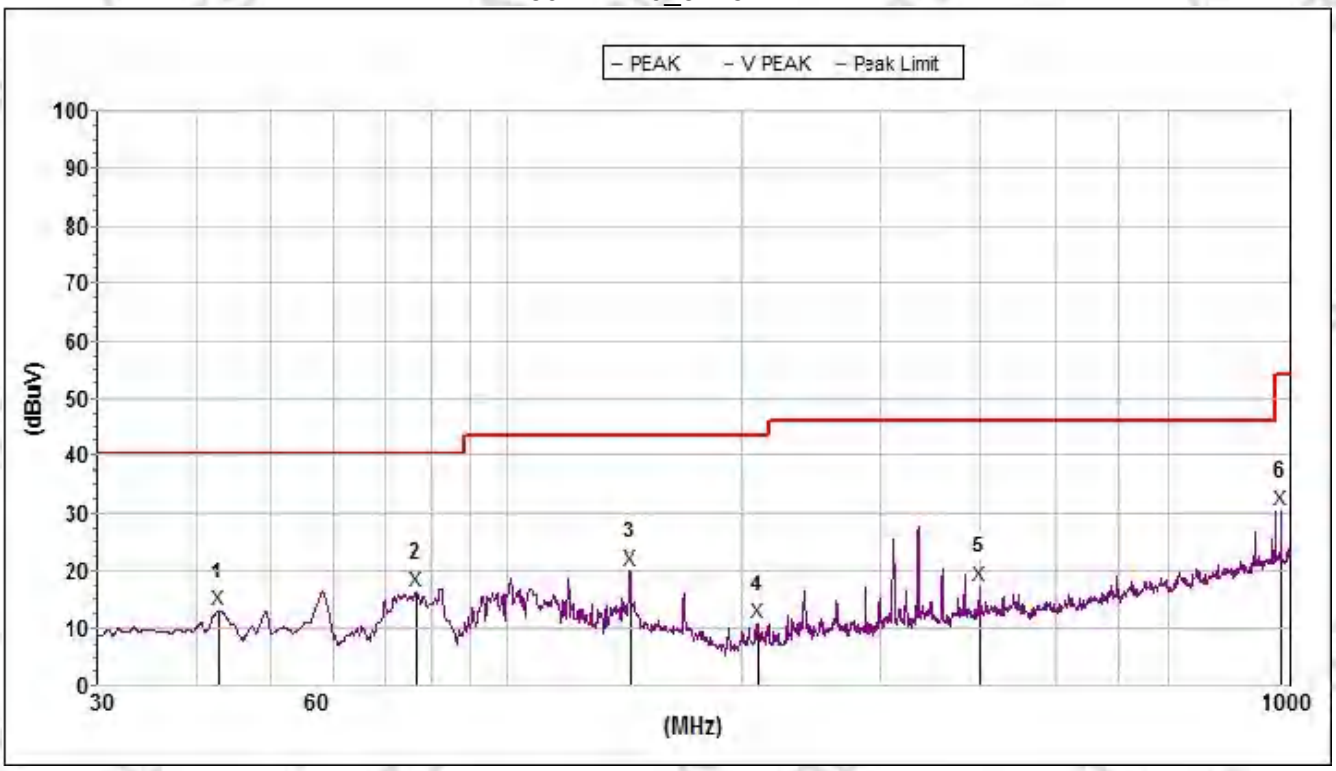


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.2	40.0	21.8	13.6	32.6	0.8	H
2	82.358861	16.6	40.0	23.4	9.3	32.9	1.0	H
3	143.326064	27.3	43.5	16.2	13.7	32.9	1.3	H
4	209.680247	11.5	43.5	32.0	10.3	32.8	2.4	H
5	449.555842	14.8	46.0	31.2	14.3	32.4	2.7	H
6	974.043628	29.5	54.0	24.5	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 8		

802.11n20_5745MHz

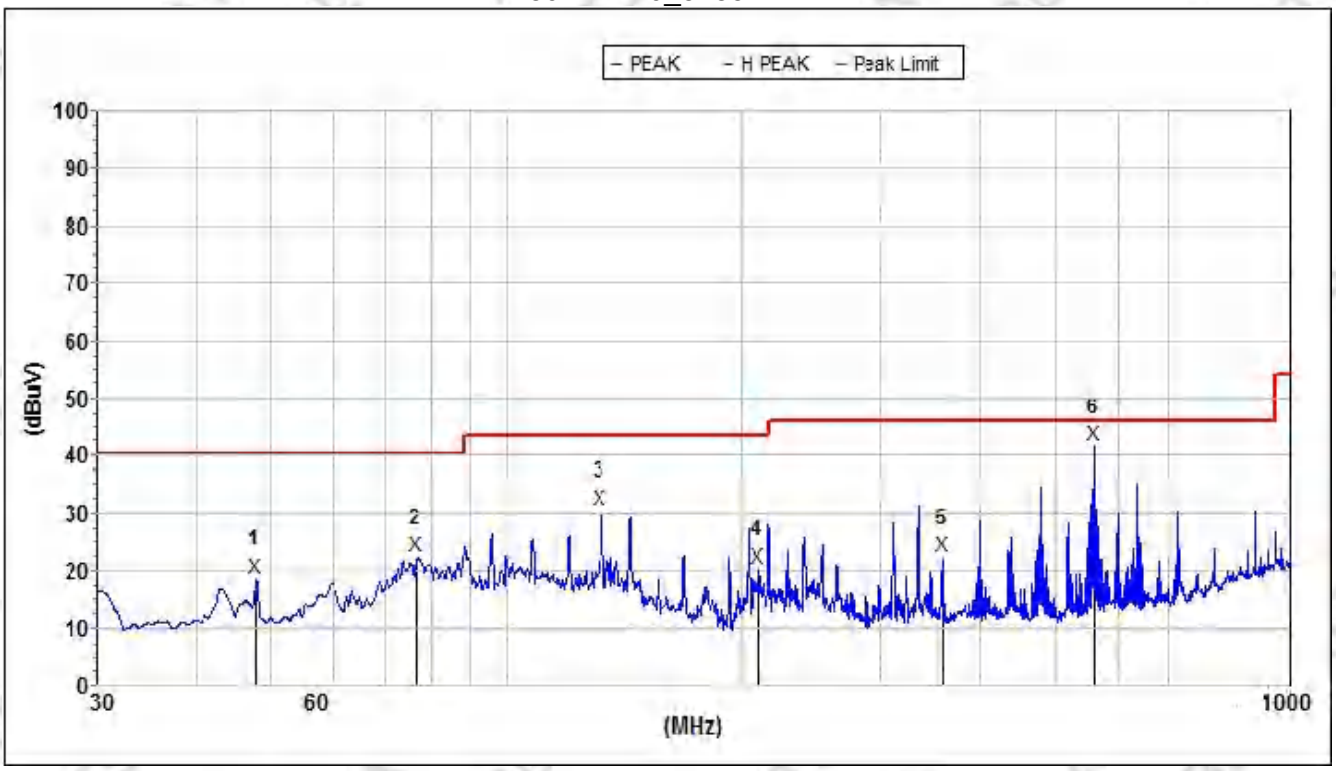


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.050457	13.0	40.0	27.0	13.9	32.5	0.8	V
2	76.512057	16.6	40.0	23.4	9.8	32.9	0.9	V
3	143.829528	20.1	43.5	23.4	13.8	32.9	1.3	V
4	208.946278	10.8	43.5	32.7	10.2	32.8	2.4	V
5	399.730428	17.3	46.0	28.7	14.7	32.3	2.7	V
6	974.043628	30.7	54.0	23.3	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 8		

802.11n20_5785MHz

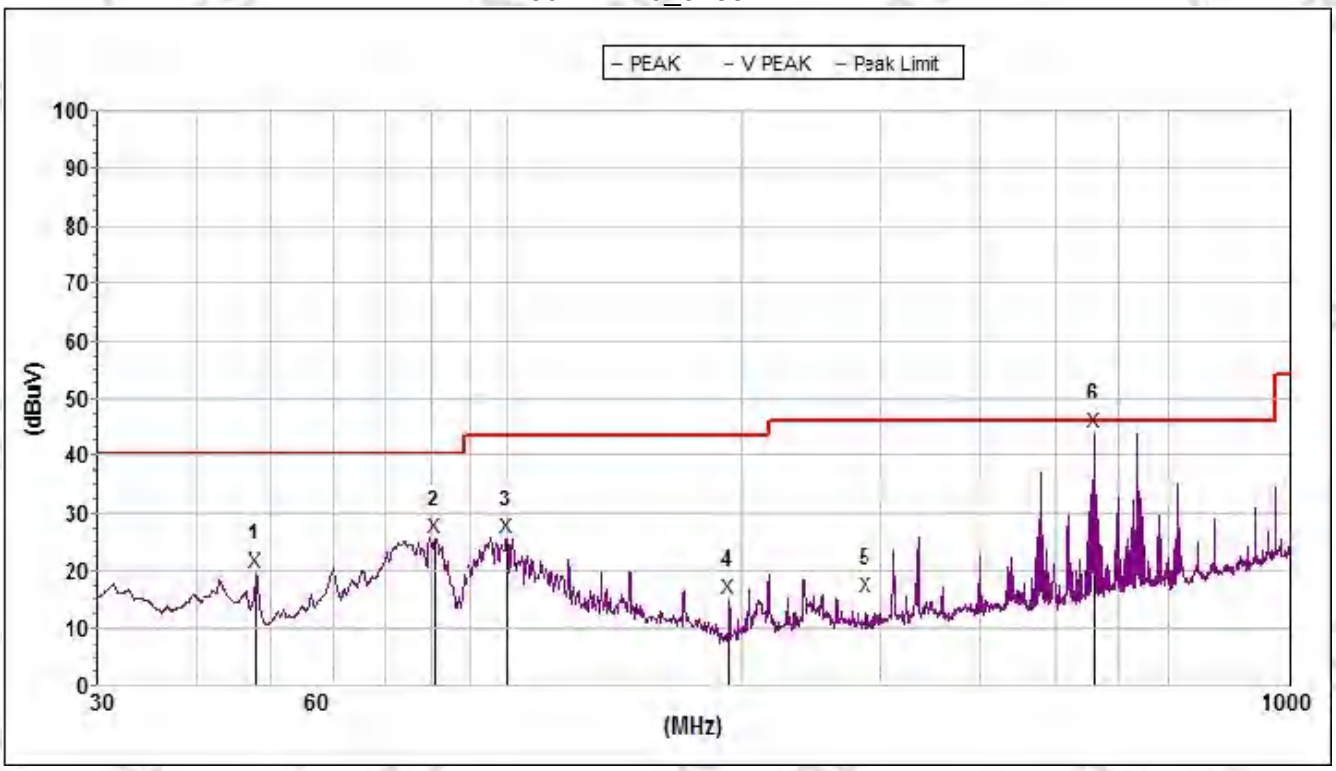


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	47.909933	18.9	40.0	21.1	13.7	32.6	0.8	H
2	76.512057	22.4	40.0	17.6	9.8	32.9	0.9	H
3	131.757724	30.6	43.5	12.9	12.9	32.9	1.4	H
4	209.680247	20.5	43.5	23.0	10.3	32.8	2.4	H
5	359.186005	22.4	46.0	23.6	13.5	32.5	2.7	H
6	559.710646	41.9	46.0	4.1	15.5	32.4	3.1	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 8		

802.11n20_5785MHz

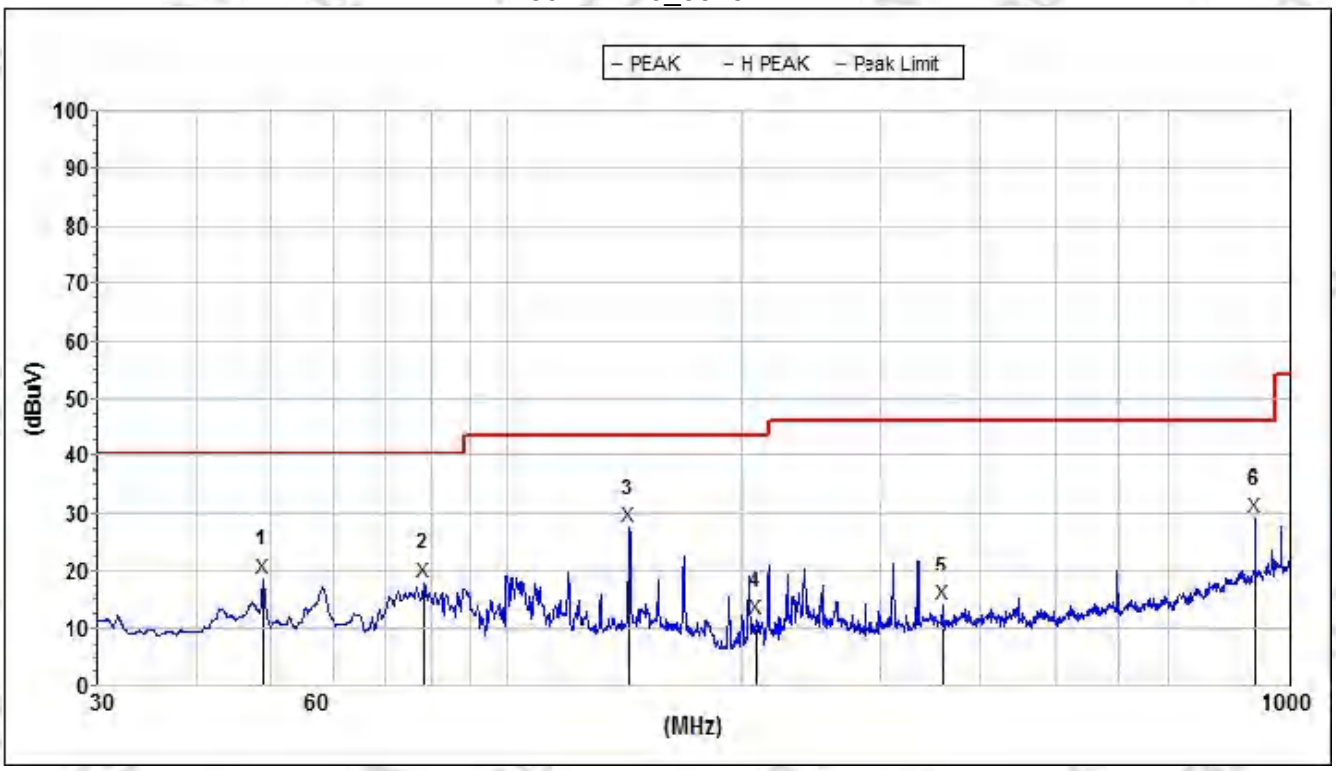


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	47.909933	19.8	40.0	20.2	13.7	32.6	0.8	V
2	80.785701	25.7	40.0	14.3	9.3	32.9	1.0	V
3	100.228572	25.5	43.5	18.0	10.2	32.9	1.4	V
4	191.745028	15.1	43.5	28.4	10.4	32.8	2.2	V
5	287.485938	15.3	46.0	30.7	12.5	32.7	2.6	V
6	559.710646	44.1	46.0	1.9	17.6	32.4	3.1	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 8		

802.11n20_5825MHz

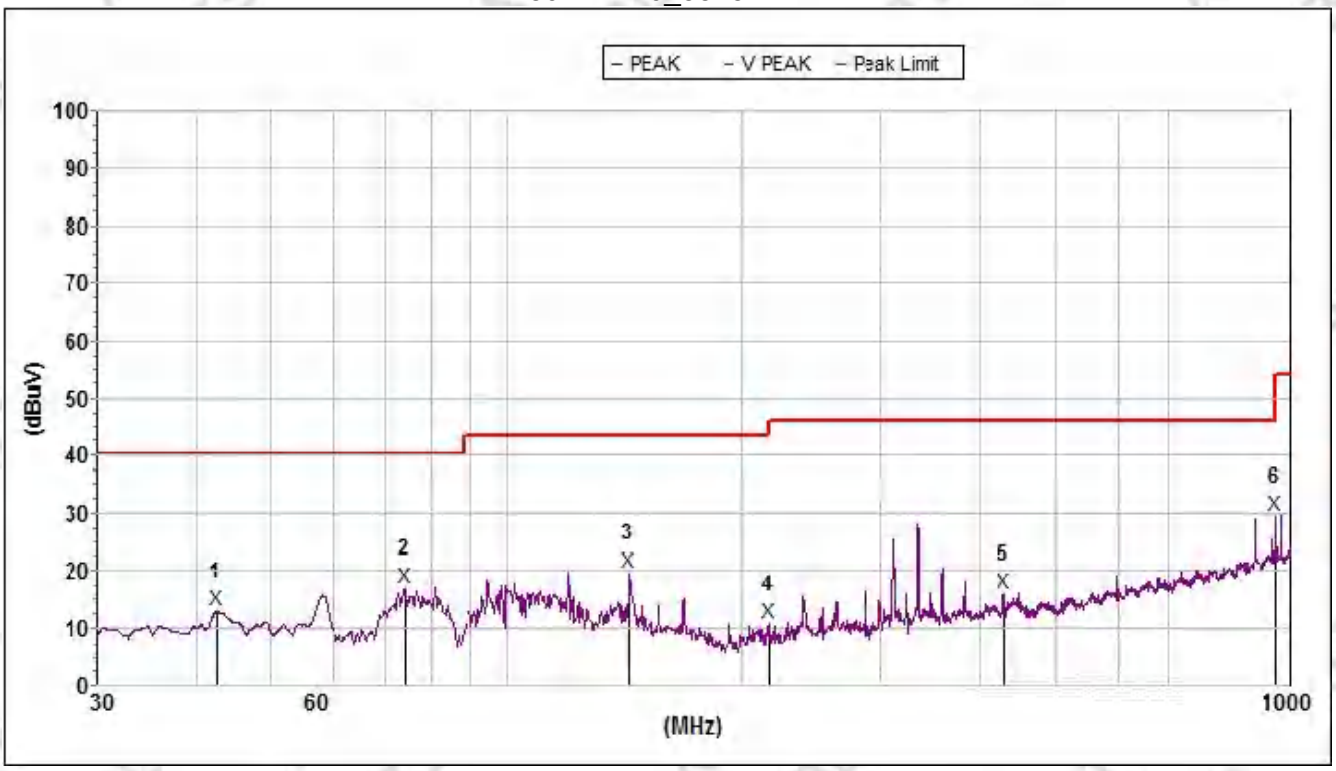


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.7	40.0	21.3	13.6	32.6	0.8	H
2	78.413354	18.0	40.0	22.0	9.5	32.9	0.9	H
3	143.326064	27.5	43.5	16.0	13.7	32.9	1.3	H
4	207.850140	11.6	43.5	31.9	10.2	32.8	2.4	H
5	359.186005	14.1	46.0	31.9	13.5	32.5	2.7	H
6	898.570586	29.4	46.0	16.6	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 8		

802.11n20_5825MHz

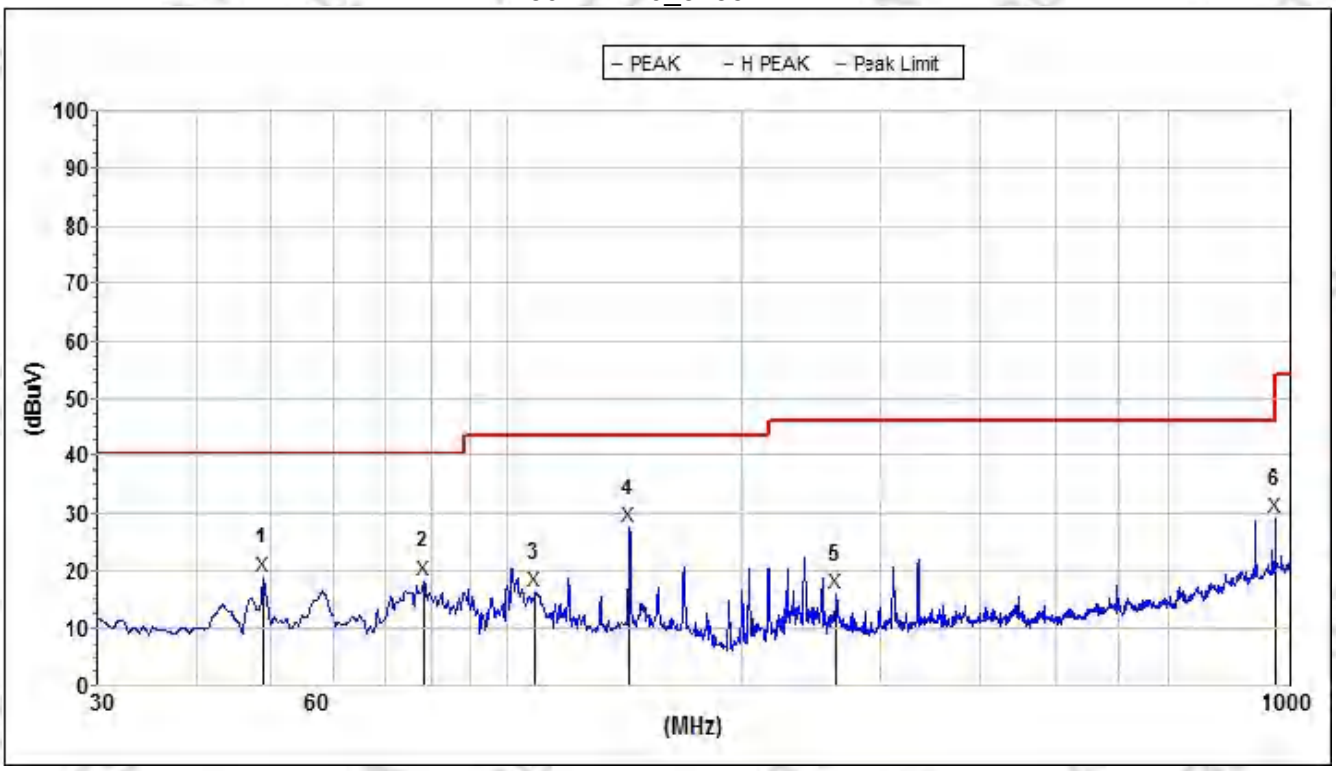


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	42.599954	13.1	40.0	26.9	13.9	32.4	0.8	V
2	74.005250	17.2	40.0	22.8	10.2	32.9	0.9	V
3	143.326064	19.9	43.5	23.6	13.7	32.9	1.3	V
4	216.023992	10.8	46.0	35.2	10.5	32.8	2.4	V
5	431.031591	16.0	46.0	30.0	15.5	32.4	2.7	V
6	958.794326	29.6	46.0	16.4	22.2	31.2	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 20		

802.11n40_5755MHz

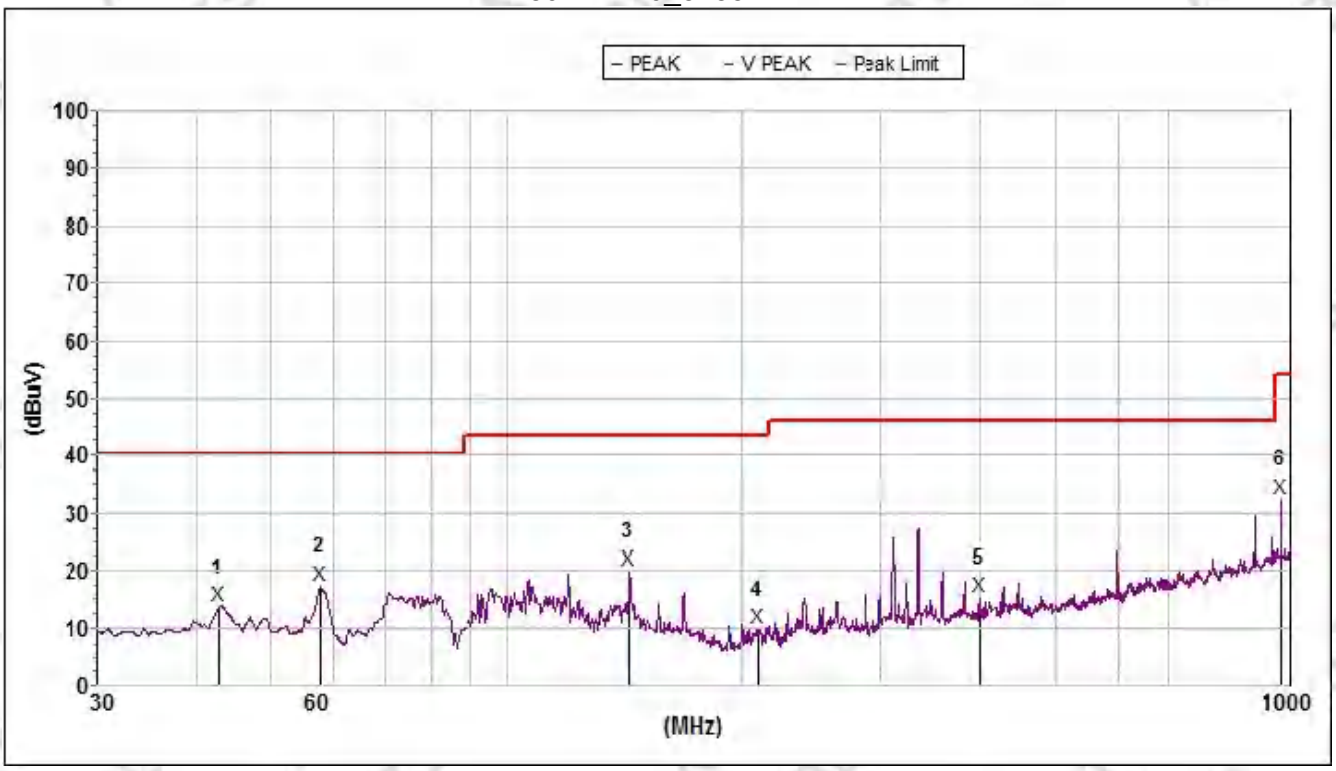


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	19.1	40.0	20.9	13.6	32.6	0.8	H
2	78.413354	18.5	40.0	21.5	9.5	32.9	0.9	H
3	108.456682	16.4	43.5	27.1	11.0	32.9	1.4	H
4	143.326064	27.6	43.5	15.9	13.7	32.9	1.3	H
5	262.895528	16.1	46.0	29.9	11.9	32.7	2.6	H
6	958.794326	29.3	46.0	16.7	20.3	31.2	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 20		

802.11n40_5755MHz

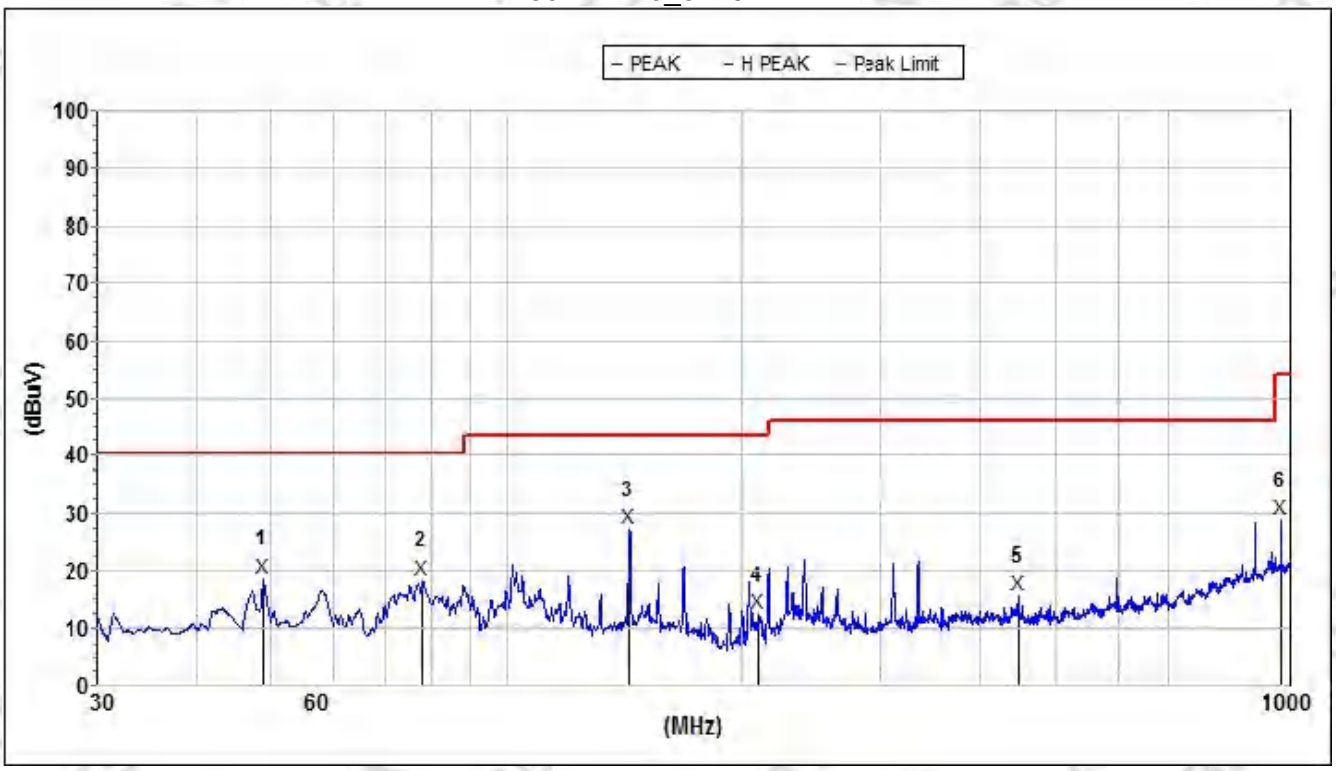


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.050457	13.9	40.0	26.1	13.9	32.5	0.8	V
2	57.593928	17.4	40.0	22.6	12.9	32.7	0.8	V
3	143.326064	20.0	43.5	23.5	13.7	32.9	1.3	V
4	208.946278	10.0	43.5	33.5	10.2	32.8	2.4	V
5	399.730428	15.6	46.0	30.4	14.7	32.3	2.7	V
6	974.043628	32.5	54.0	21.5	22.2	31.1	3.8	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 20		

802.11n40_5775MHz

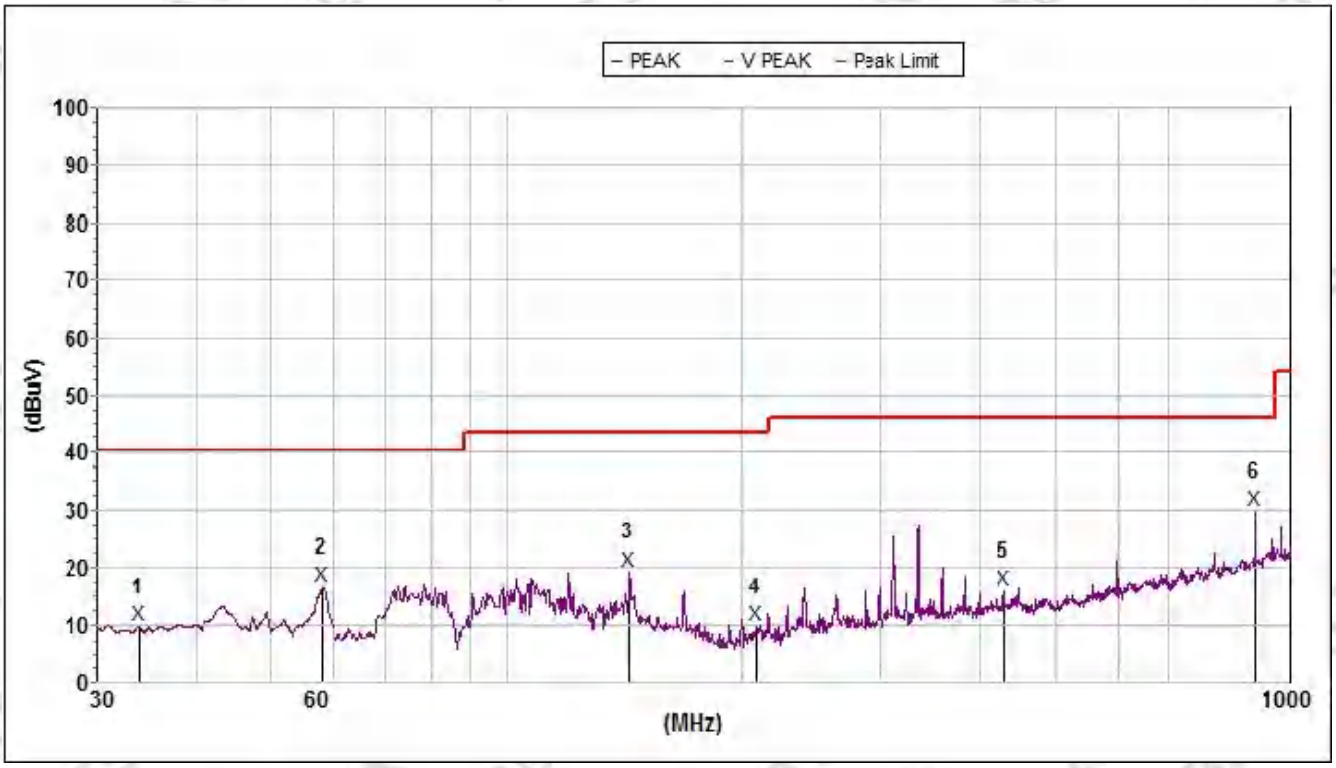


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.6	40.0	21.4	13.6	32.6	0.8	H
2	78.001995	18.4	40.0	21.6	9.6	32.9	0.9	H
3	143.326064	27.3	43.5	16.2	13.7	32.9	1.3	H
4	209.680247	12.5	43.5	31.0	10.3	32.8	2.4	H
5	449.555842	15.8	46.0	30.2	14.3	32.4	2.7	H
6	974.043628	29.0	54.0	25.0	20.5	31.1	3.8	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 20		

802.11n40_5795MHz

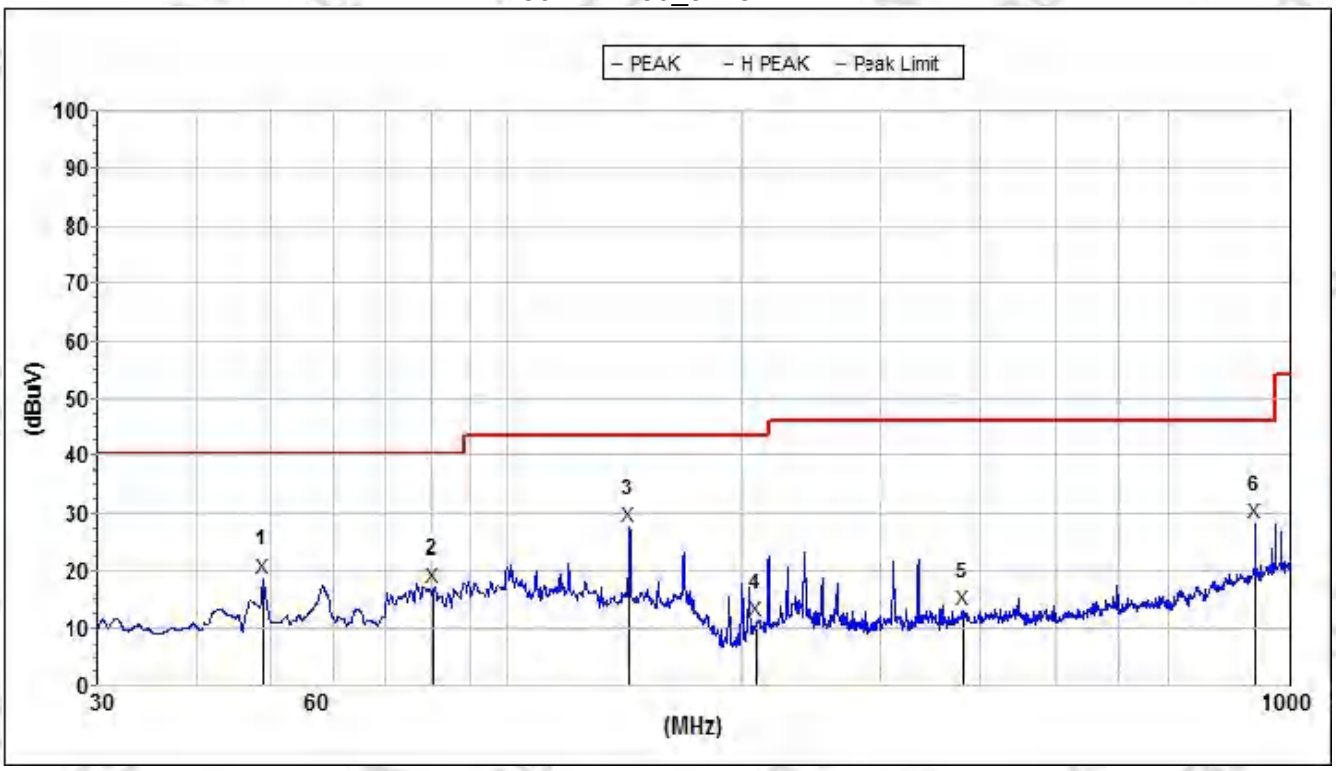


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	33.857943	9.9	40.0	30.1	13.4	32.2	0.8	V
2	58.101039	16.9	40.0	23.1	12.9	32.7	0.8	V
3	143.326064	19.5	43.5	24.0	13.7	32.9	1.3	V
4	208.214879	10.0	43.5	33.5	10.2	32.8	2.4	V
5	431.031591	16.2	46.0	29.8	15.5	32.4	2.8	V
6	898.570586	30.0	46.0	16.0	21.6	31.6	3.6	V

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 24		

802.11ac80_5775MHz

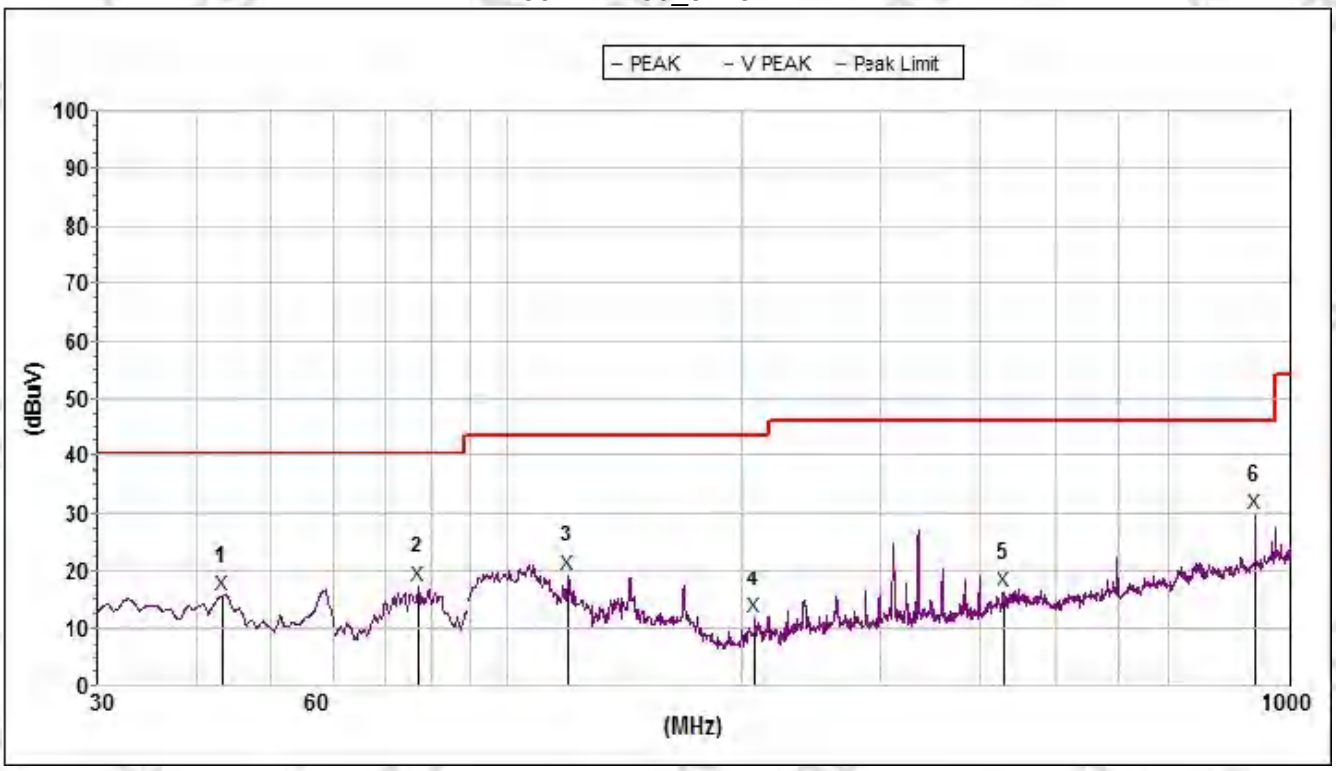


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	48.842895	18.6	40.0	21.4	13.6	32.6	0.8	H
2	80.502918	17.2	40.0	22.8	9.3	32.9	1.0	H
3	143.326064	27.6	43.5	15.9	13.7	32.9	1.3	H
4	207.850140	11.3	43.5	32.2	10.2	32.8	2.4	H
5	380.580827	13.2	46.0	32.8	13.7	32.4	2.7	H
6	898.570586	28.2	46.0	17.8	19.6	31.6	3.6	H

30MHz - 1000MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 24		

802.11ac80_5775MHz



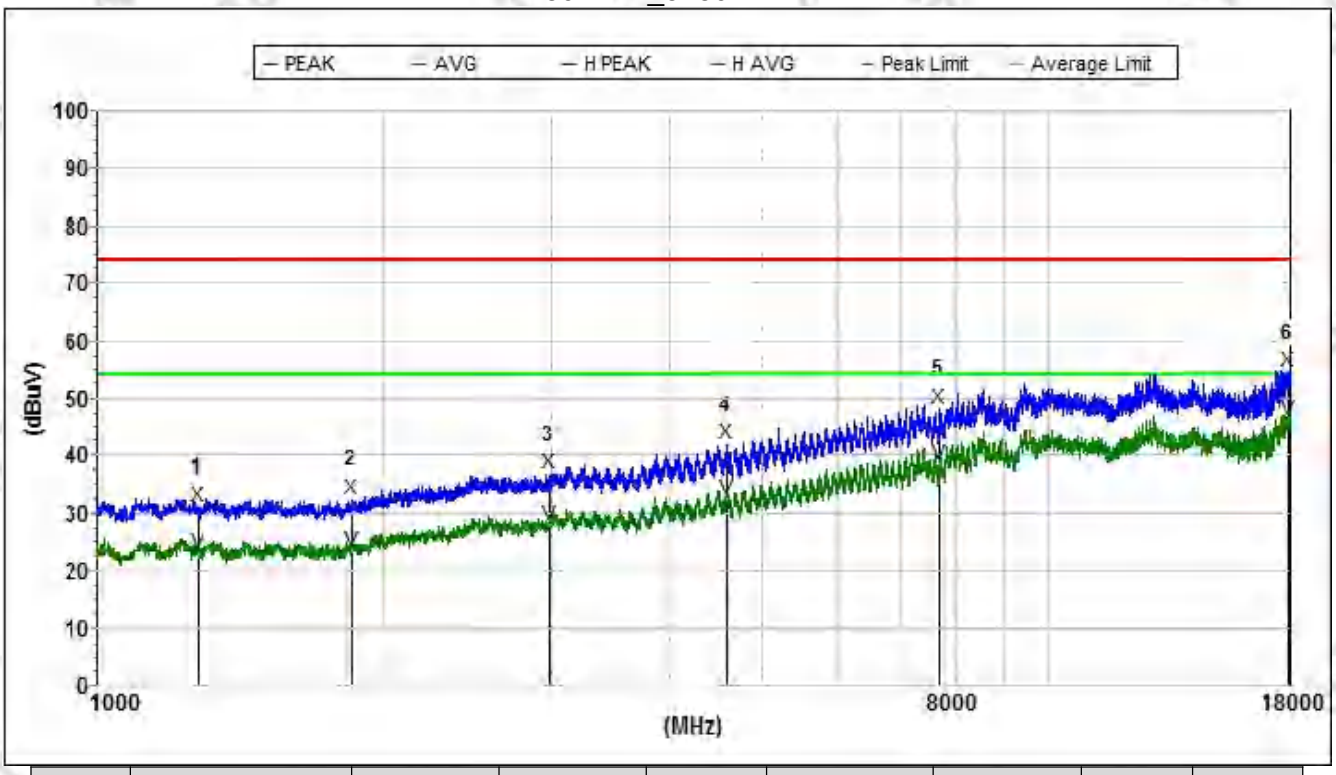
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L.(dB)	Pol.
Peak								
1	43.505724	15.8	40.0	24.2	13.9	32.5	0.8	V
2	76.915558	17.5	40.0	22.5	9.8	32.9	0.9	V
3	119.645652	19.3	43.5	24.2	12.2	32.9	1.4	V
4	207.486040	11.8	43.5	31.7	10.2	32.8	2.4	V
5	431.031591	16.6	46.0	29.4	15.5	32.4	2.7	V
6	898.570586	30.0	46.0	16.0	21.6	31.6	3.6	V

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 1		

802.11a_5180MHz

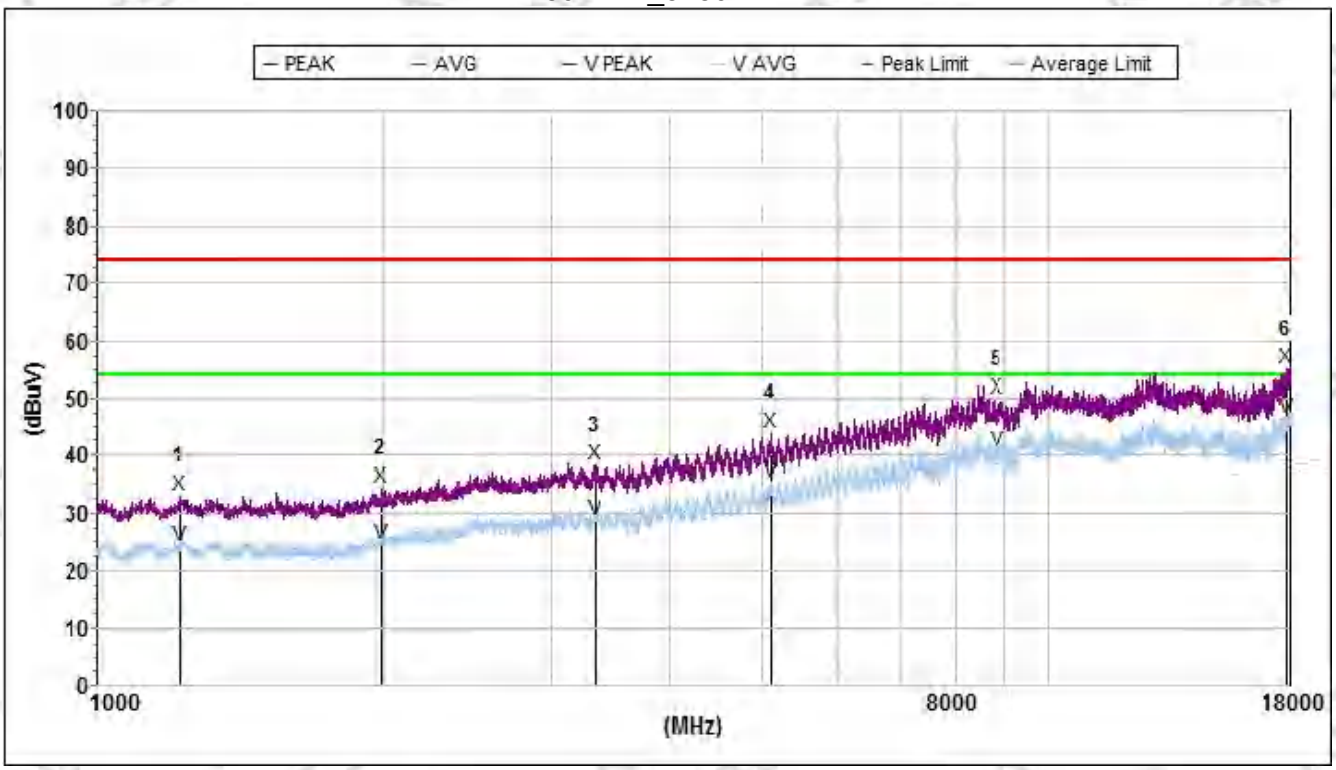


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1273.700000	31.4	74.0	42.6	25.8	61.0	2.3	H
2	1855.950000	32.5	74.0	41.5	25.4	61.1	2.6	H
3	2989.000000	36.9	74.0	37.1	29.3	58.8	2.9	H
4	4586.150000	42.0	74.0	32.0	31.6	57.9	3.6	H
5	7696.300000	48.2	74.0	25.8	36.5	57.7	4.8	H
6	17896.300000	54.7	74.0	19.3	41.7	57.7	7.0	H
Avg								
1	1273.700000	23.1	54.0	30.9	25.8	61.0	2.3	H
2	1855.950000	23.4	54.0	30.6	25.4	61.1	2.6	H
3	2989.000000	27.9	54.0	26.1	29.3	58.8	2.9	H
4	4586.150000	32.5	54.0	21.5	31.6	57.9	3.6	H
5	7696.300000	38.5	54.0	15.5	36.5	57.7	4.8	H
6	17896.300000	46.3	54.0	7.7	41.7	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 1		

802.11a_5180MHz

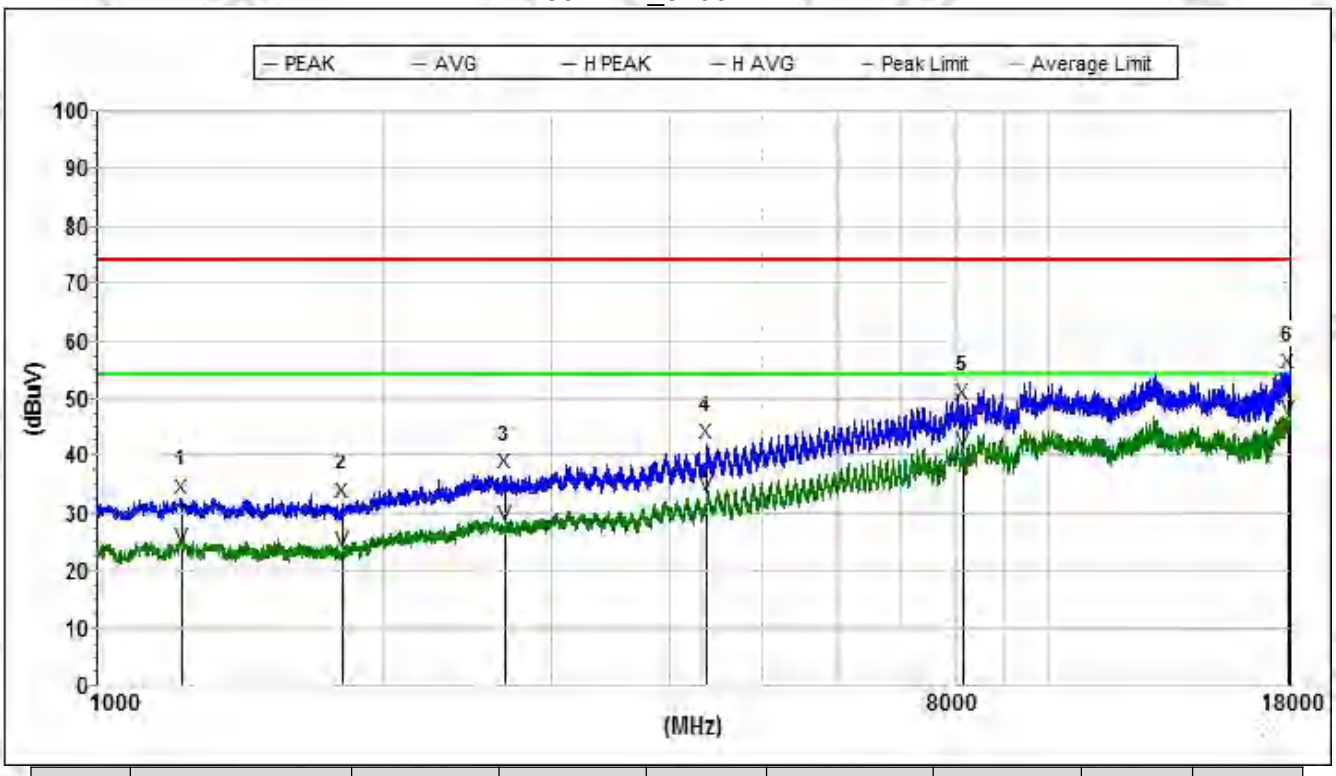


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1221.850000	33.2	74.0	40.8	25.7	60.9	2.3	V
2	1992.800000	34.6	74.0	39.4	26.4	60.9	2.7	V
3	3337.500000	38.6	74.0	35.4	29.6	58.2	3.1	V
4	5113.150000	44.2	74.0	29.8	33.1	57.5	3.7	V
5	8851.450000	50.1	74.0	23.9	38.1	58.6	5.3	V
6	17878.450000	55.2	74.0	18.8	41.6	57.7	7.0	V
Avg								
1	1221.850000	24.2	54.0	29.8	25.7	60.9	2.3	V
2	1992.800000	24.8	54.0	29.2	26.4	60.9	2.7	V
3	3337.500000	28.9	54.0	25.1	29.6	58.2	3.1	V
4	5113.150000	35.6	54.0	18.4	33.1	57.5	3.7	V
5	8851.450000	40.9	54.0	13.1	38.1	58.6	5.3	V
6	17878.450000	46.7	54.0	7.3	41.6	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 1		

802.11a_5200MHz

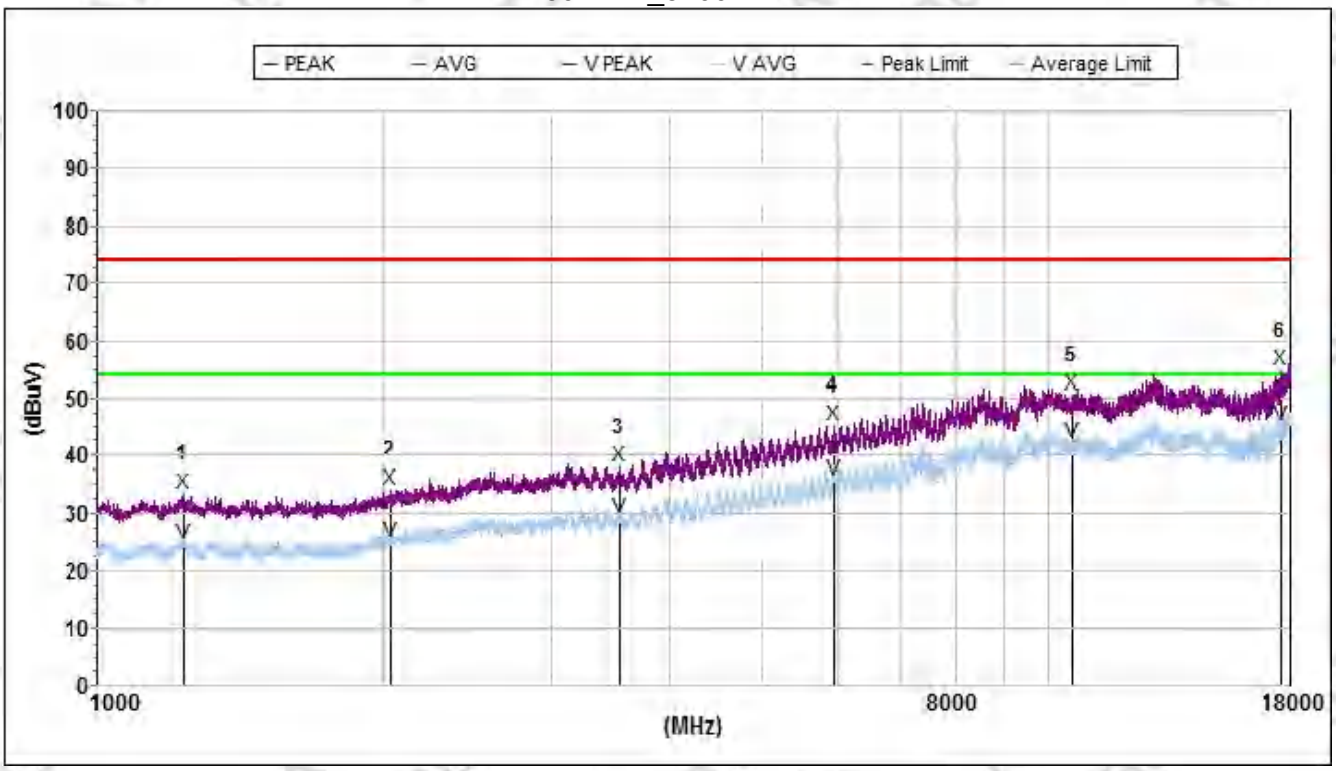


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1225.663306	32.6	74.0	41.4	25.8	60.9	2.3	H
2	1815.150000	31.8	74.0	42.2	25.2	61.3	2.6	H
3	2684.700000	36.9	74.0	37.1	28.2	59.3	2.9	H
4	4373.650000	42.0	74.0	32.0	31.5	58.1	3.5	H
5	8121.300000	49.1	74.0	24.9	37.1	56.9	4.9	H
6	17886.100000	54.4	74.0	19.6	41.6	57.7	7.0	H
Avg								
1	1225.663306	24.1	54.0	29.9	25.8	60.9	2.3	H
2	1815.150000	23.4	54.0	30.6	25.2	61.3	2.6	H
3	2684.700000	27.8	54.0	26.2	28.2	59.3	2.9	H
4	4373.650000	33.2	54.0	20.8	31.5	58.1	3.5	H
5	8121.300000	40.8	54.0	13.2	37.1	56.9	4.9	H
6	17886.100000	46.5	54.0	7.5	41.6	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 1		

802.11a_5200MHz

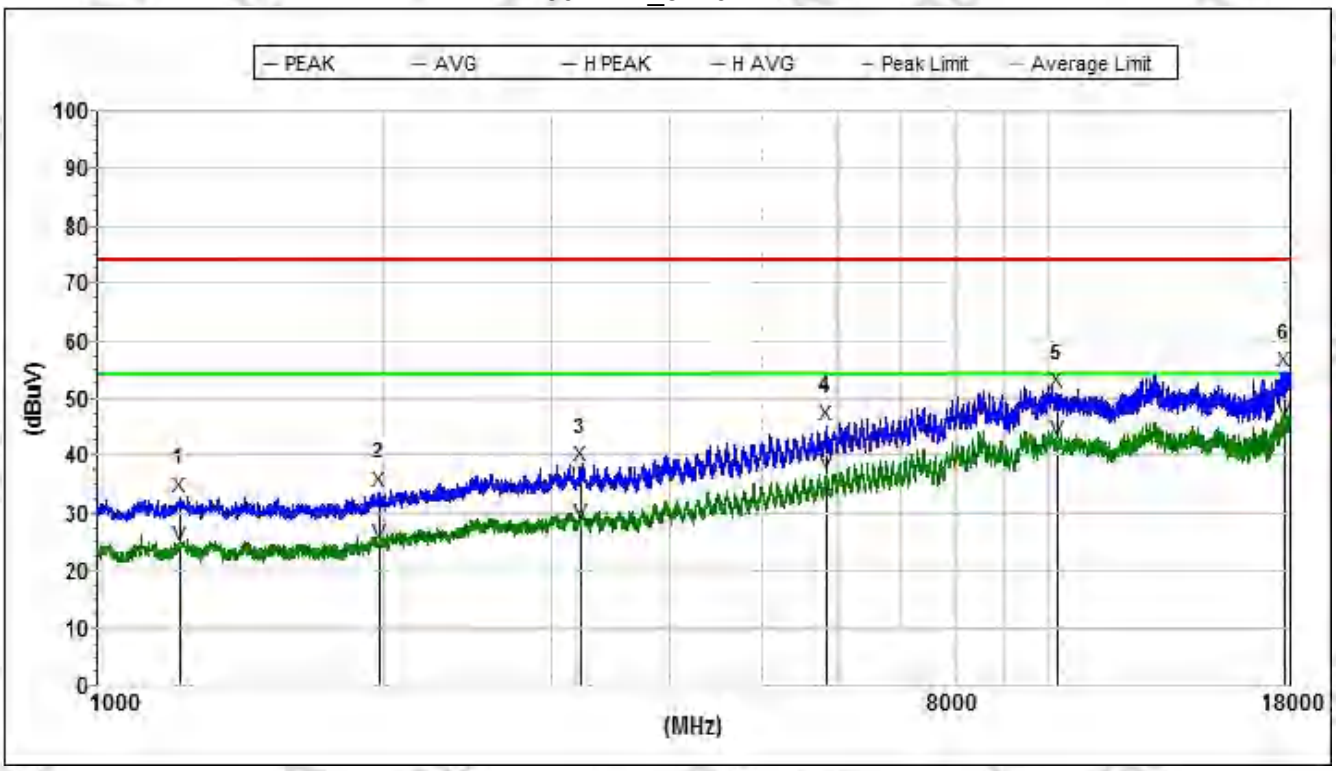


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1228.650000	33.4	74.0	40.6	25.8	60.9	2.3	V
2	2037.850000	34.3	74.0	39.7	26.7	60.9	2.7	V
3	3547.450000	38.3	74.0	35.7	29.5	59.0	3.2	V
4	5938.500000	45.3	74.0	28.7	34.0	58.1	4.1	V
5	10619.450000	50.7	74.0	23.3	38.9	61.1	5.6	V
6	17598.800000	54.8	74.0	19.2	39.9	58.0	6.9	V
Avg								
1	1228.650000	24.6	54.0	29.4	25.8	60.9	2.3	V
2	2037.850000	25.1	54.0	28.9	26.7	60.9	2.7	V
3	3547.450000	29.3	54.0	24.7	29.5	59.0	3.2	V
4	5938.500000	36.0	54.0	18.0	34.0	58.1	4.1	V
5	10619.450000	42.5	54.0	11.5	38.9	61.1	5.6	V
6	17598.800000	45.3	54.0	8.7	39.9	58.0	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 1		

802.11a_5240MHz

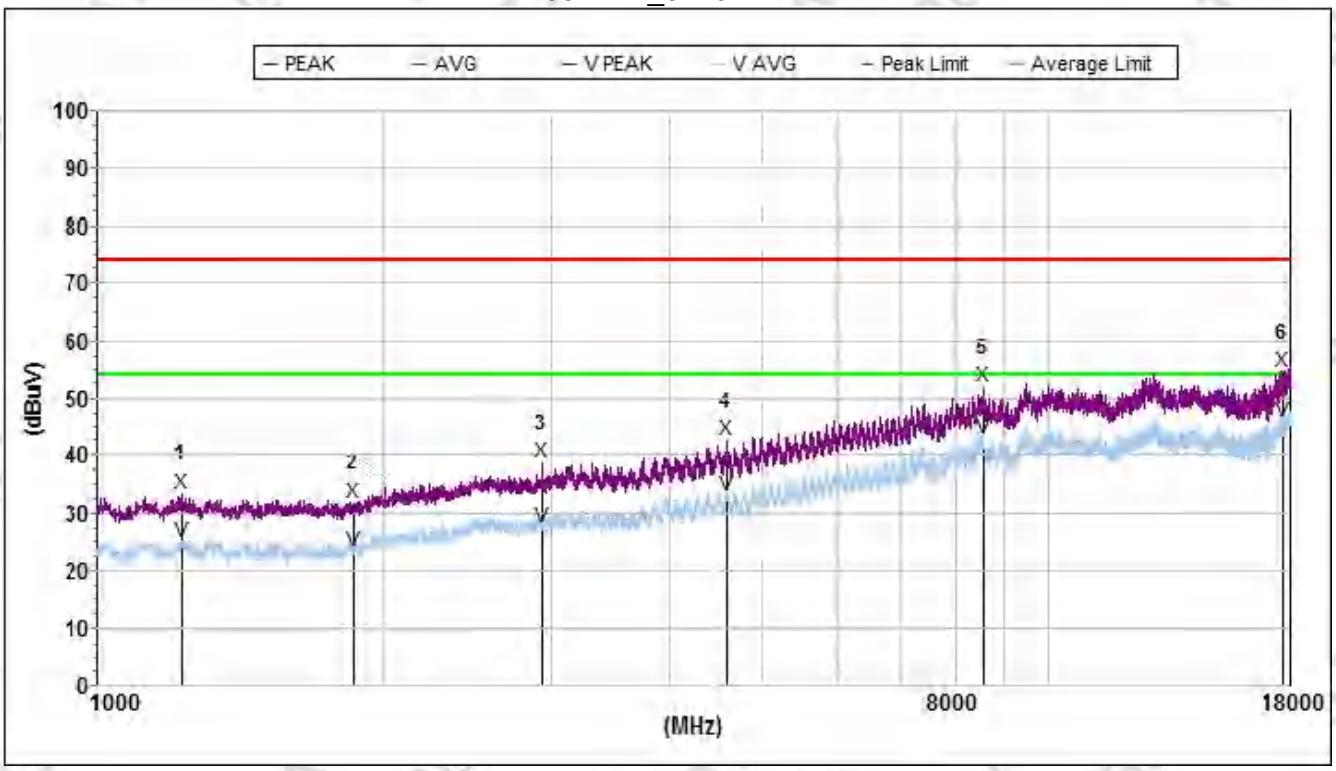


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1221.850000	33.0	74.0	41.0	25.7	60.9	2.3	H
2	1977.500000	34.0	74.0	40.0	26.3	60.9	2.7	H
3	3216.800000	38.0	74.0	36.0	29.7	58.5	3.0	H
4	5832.250000	45.3	74.0	28.7	33.9	58.1	4.1	H
5	10211.450000	51.1	74.0	22.9	38.7	60.6	5.4	H
6	17797.700000	54.6	74.0	19.4	41.1	57.8	7.0	H
Avg								
1	1221.850000	24.5	54.0	29.5	25.7	60.9	2.3	H
2	1977.500000	24.6	54.0	29.4	26.3	60.9	2.7	H
3	3216.800000	28.4	54.0	25.6	29.7	58.5	3.0	H
4	5832.250000	36.8	54.0	17.2	33.9	58.1	4.1	H
5	10211.450000	42.6	54.0	11.4	38.7	60.6	5.4	H
6	17797.700000	46.2	54.0	7.8	41.1	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 1		

802.11a_5240MHz

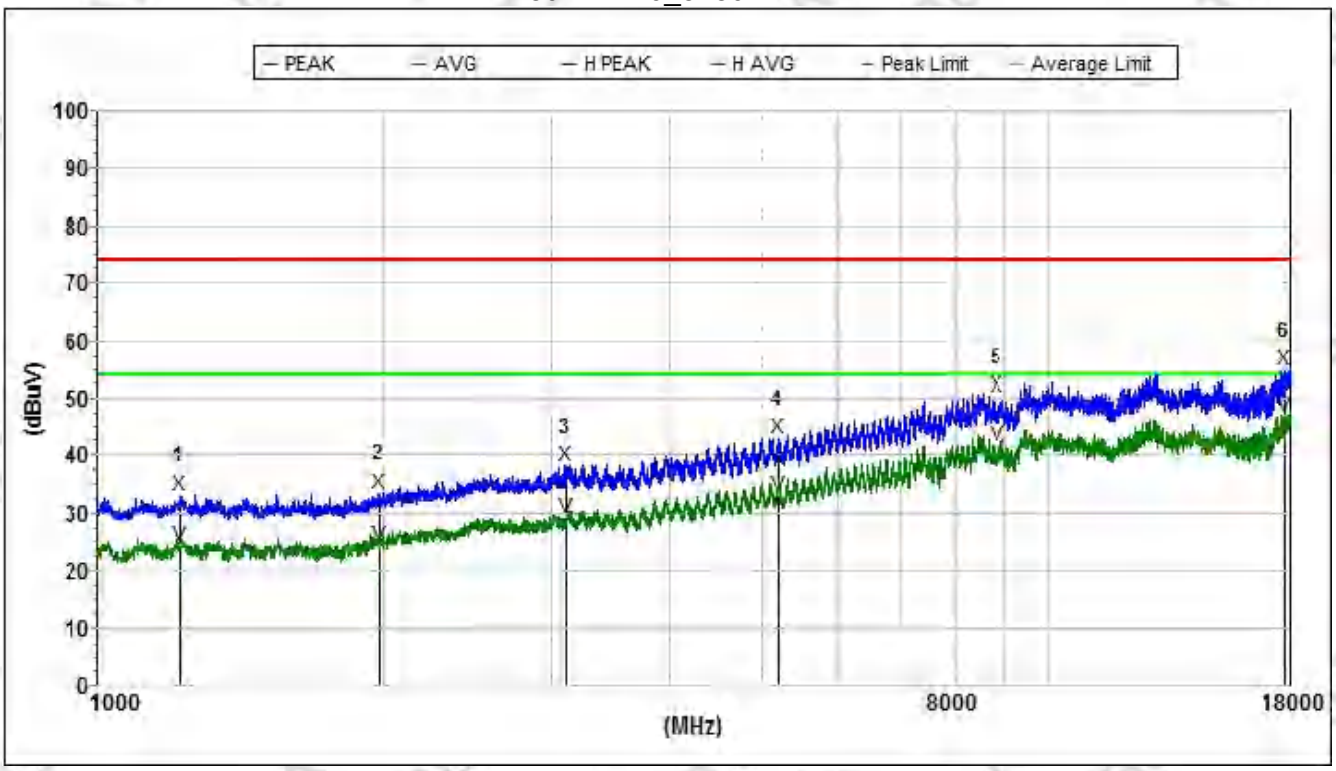


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1222.700000	33.4	74.0	40.6	25.7	60.9	2.3	V
2	1864.450000	32.0	74.0	42.0	25.4	61.1	2.6	V
3	2930.350000	38.8	74.0	35.2	29.0	58.9	2.9	V
4	4578.500000	42.7	74.0	31.3	31.6	57.9	3.6	V
5	8537.800000	52.0	74.0	22.0	37.8	56.2	5.1	V
6	17690.600000	54.7	74.0	19.3	40.4	57.9	6.9	V
Avg								
1	1222.700000	25.1	54.0	28.9	25.7	60.9	2.3	V
2	1864.450000	23.3	54.0	30.7	25.4	61.1	2.6	V
3	2930.350000	27.5	54.0	26.5	29.0	58.9	2.9	V
4	4578.500000	33.1	54.0	20.9	31.6	57.9	3.6	V
5	8537.800000	43.0	54.0	11.0	37.8	56.2	5.1	V
6	17690.600000	46.2	54.0	7.8	40.4	57.9	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 5		

802.11n20_5180MHz

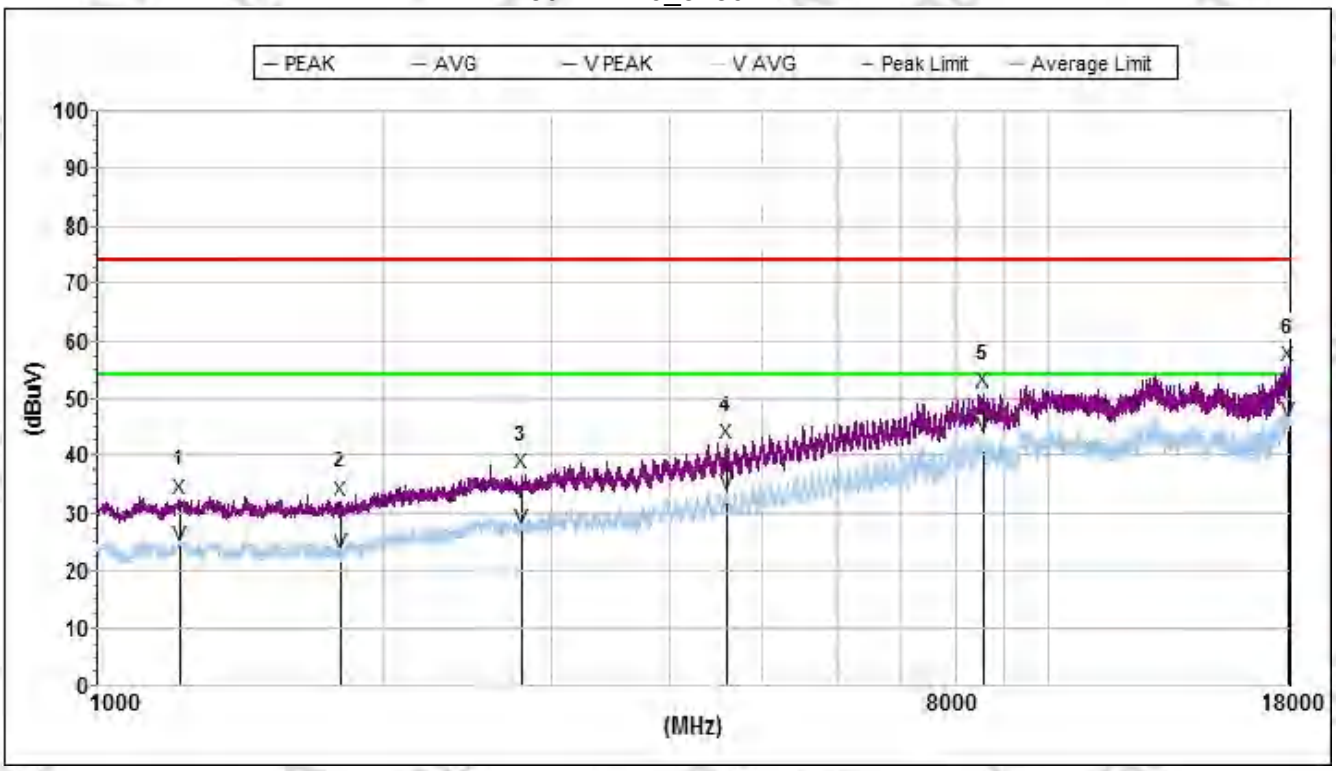


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1221.850000	33.3	74.0	40.7	25.7	60.9	2.3	H
2	1977.500000	33.5	74.0	40.5	26.3	60.9	2.7	H
3	3113.100000	38.2	74.0	35.8	29.7	58.7	3.0	H
4	5202.400000	43.0	74.0	31.0	32.9	57.6	3.8	H
5	8858.250000	50.2	74.0	23.8	38.1	58.7	5.3	H
6	17790.050000	55.0	74.0	19.0	41.0	57.8	7.0	H
Avg								
1	1221.850000	24.4	54.0	29.6	25.7	60.9	2.3	H
2	1977.500000	24.4	54.0	29.6	26.3	60.9	2.7	H
3	3113.100000	29.2	54.0	24.8	29.7	58.7	3.0	H
4	5202.400000	33.1	54.0	20.9	32.9	57.6	3.8	H
5	8858.250000	41.8	54.0	12.2	38.1	58.7	5.3	H
6	17790.050000	47.1	54.0	6.9	41.0	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 5		

802.11n20_5180MHz

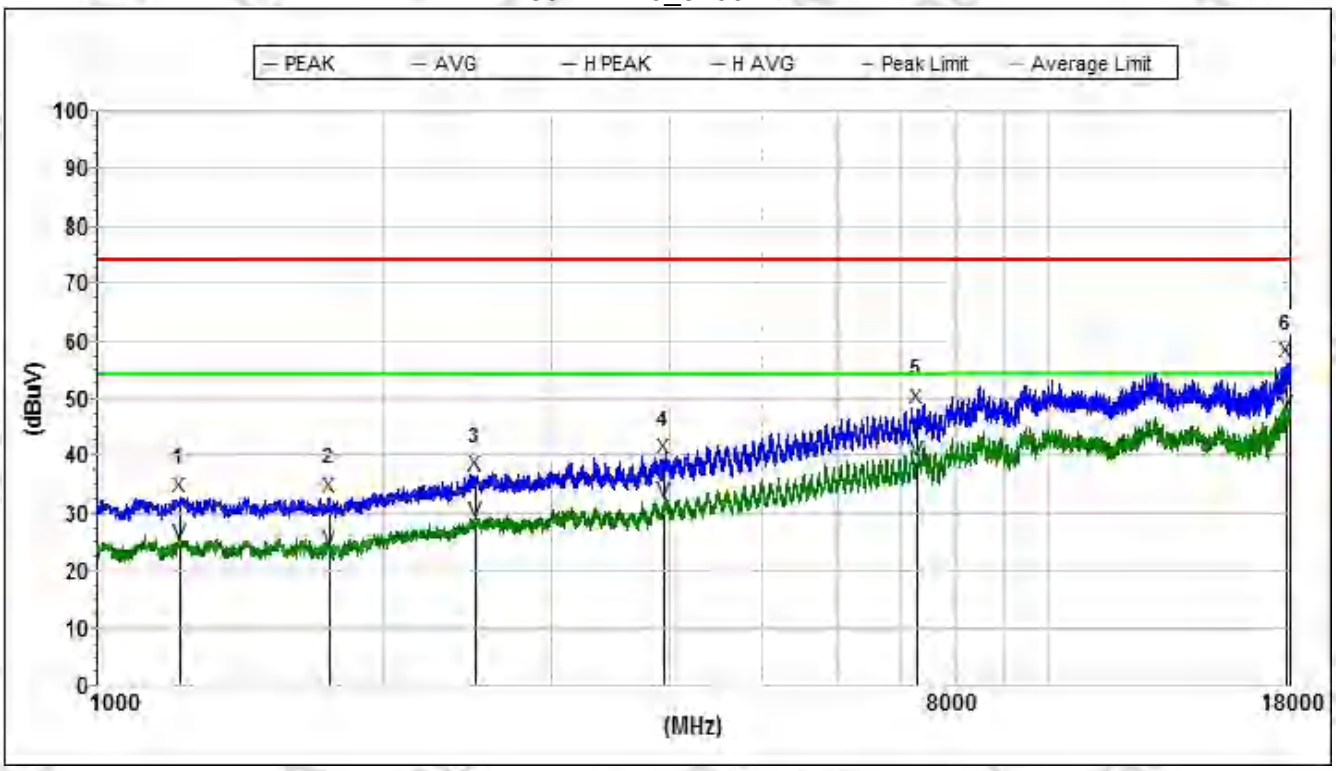


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1217.600000	32.6	74.0	41.4	25.7	60.9	2.3	V
2	1802.400000	32.4	74.0	41.6	25.1	61.3	2.6	V
3	2800.300000	36.9	74.0	37.1	28.5	59.5	2.9	V
4	4577.650000	42.0	74.0	32.0	31.6	57.9	3.6	V
5	8535.250000	50.9	74.0	23.1	37.8	56.2	5.1	V
6	17897.150000	55.7	74.0	18.3	41.7	57.7	7.0	V
Avg								
1	1217.600000	24.2	54.0	29.8	25.7	60.9	2.3	V
2	1802.400000	23.0	54.0	31.0	25.1	61.3	2.6	V
3	2800.300000	27.3	54.0	26.7	28.5	59.5	2.9	V
4	4577.650000	33.7	54.0	20.3	31.6	57.9	3.6	V
5	8535.250000	43.4	54.0	10.6	37.8	56.2	5.1	V
6	17897.150000	46.2	54.0	7.8	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 5		

802.11n20_5200MHz

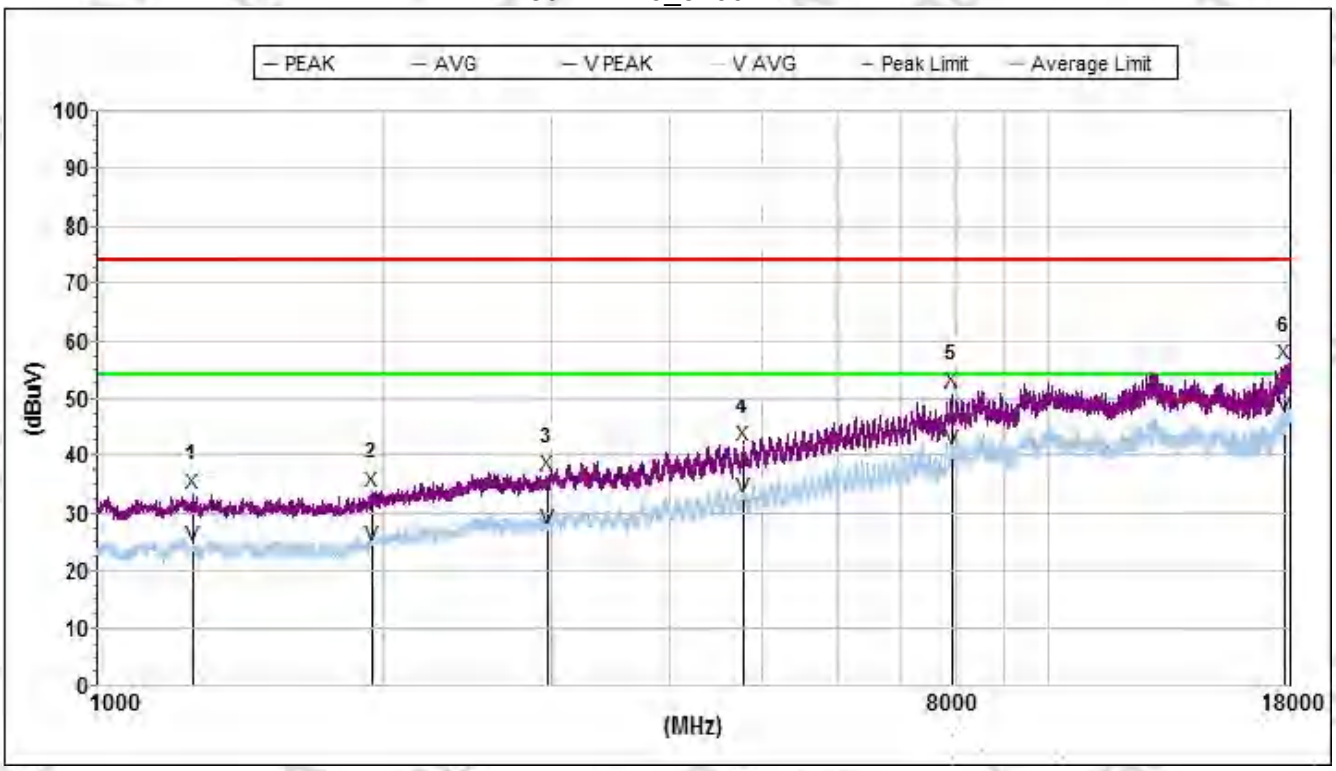


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1219.300000	32.8	74.0	41.2	25.7	60.9	2.3	H
2	1754.800000	33.0	74.0	41.0	25.1	61.3	2.6	H
3	2499.400000	36.6	74.0	37.4	27.7	58.8	2.8	H
4	3945.250000	39.6	74.0	34.4	30.8	58.5	3.2	H
5	7276.400000	48.3	74.0	25.7	36.8	57.6	4.5	H
6	17881.000000	56.1	74.0	17.9	41.6	57.7	7.0	H
Avg								
1	1219.300000	24.6	54.0	29.4	25.7	60.9	2.3	H
2	1754.800000	23.7	54.0	30.3	25.1	61.3	2.6	H
3	2499.400000	28.7	54.0	25.3	27.7	58.8	2.8	H
4	3945.250000	32.1	54.0	21.9	30.8	58.5	3.2	H
5	7276.400000	39.3	54.0	14.7	36.8	57.6	4.5	H
6	17881.000000	47.4	54.0	6.6	41.6	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 5		

802.11n20_5200MHz

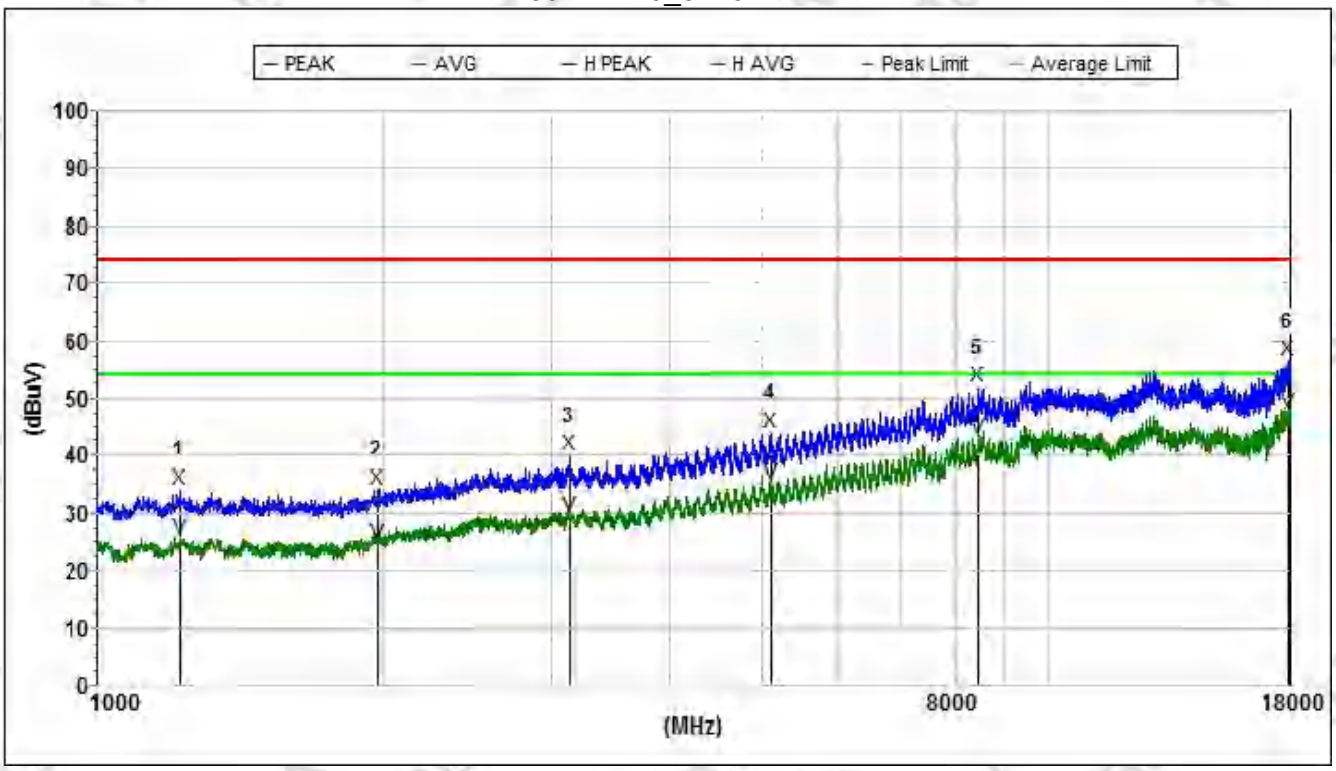


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1258.400000	33.5	74.0	40.5	25.8	61.0	2.3	V
2	1943.500000	33.8	74.0	40.2	26.0	60.9	2.6	V
3	2976.250000	36.6	74.0	37.4	29.2	58.8	2.9	V
4	4781.650000	41.9	74.0	32.1	32.2	57.6	3.6	V
5	7905.400000	51.0	74.0	23.0	37.1	57.4	4.8	V
6	17801.950000	56.0	74.0	18.0	41.1	57.8	7.0	V
Avg								
1	1258.400000	24.3	54.0	29.7	25.8	61.0	2.3	V
2	1943.500000	24.4	54.0	29.6	26.0	60.9	2.6	V
3	2976.250000	27.3	54.0	26.7	29.2	58.8	2.9	V
4	4781.650000	33.0	54.0	21.0	32.2	57.6	3.6	V
5	7905.400000	41.1	54.0	12.9	37.1	57.4	4.8	V
6	17801.950000	47.0	54.0	7.0	41.1	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 5		

802.11n20_5240MHz

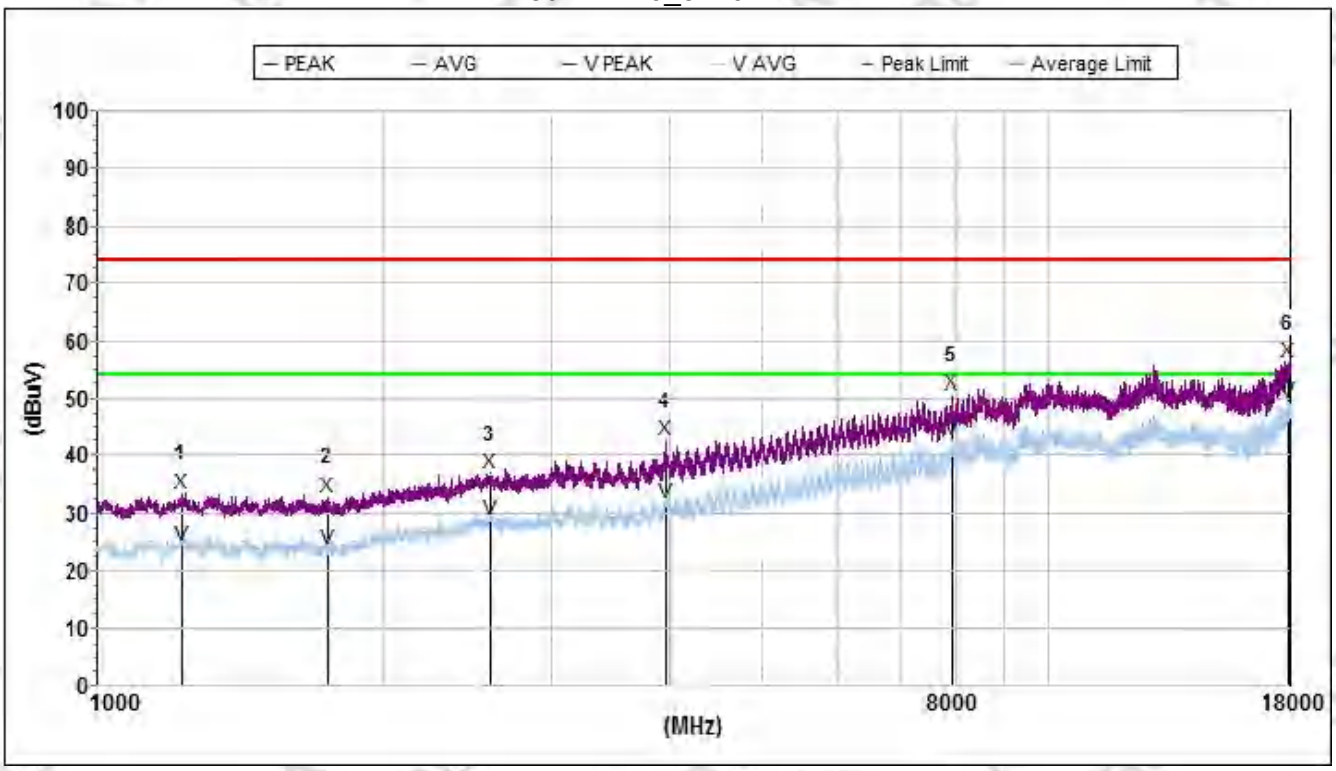


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1219.300000	34.1	74.0	39.9	25.7	60.9	2.3	H
2	1969.850000	34.1	74.0	39.9	26.2	60.9	2.7	H
3	3138.600000	40.1	74.0	33.9	29.7	58.6	3.0	H
4	5120.800000	44.0	74.0	30.0	33.0	57.5	3.7	H
5	8438.350000	51.9	74.0	22.1	37.5	56.3	5.1	H
6	17897.150000	56.6	74.0	17.4	41.7	57.7	7.0	H
Avg								
1	1219.300000	25.5	54.0	28.5	25.7	60.9	2.3	H
2	1969.850000	24.6	54.0	29.4	26.2	60.9	2.7	H
3	3138.600000	29.6	54.0	24.4	29.7	58.6	3.0	H
4	5120.800000	35.3	54.0	18.7	33.0	57.5	3.7	H
5	8438.350000	43.0	54.0	11.0	37.5	56.3	5.1	H
6	17897.150000	47.7	54.0	6.3	41.7	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 5		

802.11n20_5240MHz

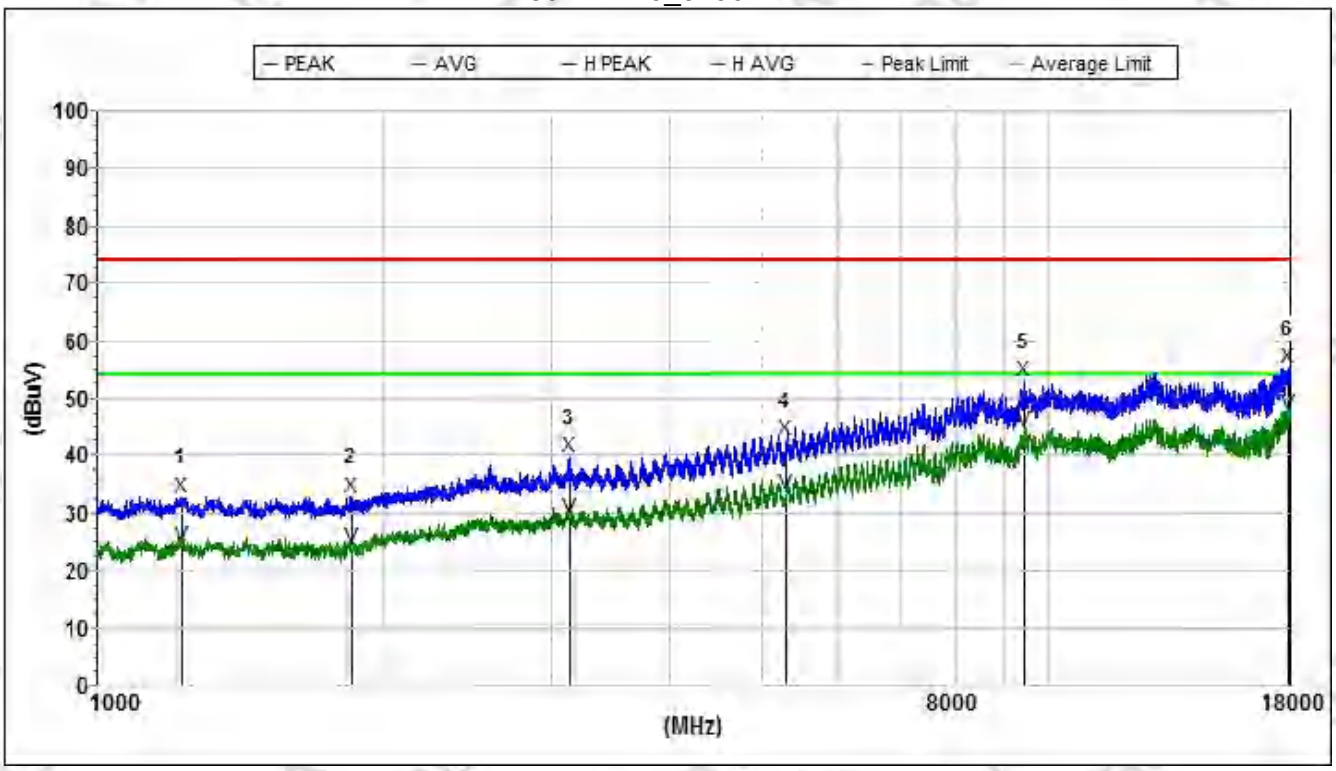


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1225.132028	33.6	74.0	40.4	25.8	60.9	2.3	V
2	1741.604577	33.0	74.0	41.0	25.1	61.2	2.6	V
3	2595.237829	36.8	74.0	37.2	28.0	59.0	2.9	V
4	3956.021634	42.6	74.0	31.4	30.8	58.5	3.2	V
5	7912.901657	50.6	74.0	23.4	37.1	57.4	4.9	V
6	17891.074858	56.4	74.0	17.6	41.7	57.7	7.0	V
Avg								
1	1225.132028	24.4	54.0	29.6	25.8	60.9	2.3	V
2	1741.604577	23.7	54.0	30.3	25.1	61.2	2.6	V
3	2595.237829	29.0	54.0	25.0	28.0	59.0	2.9	V
4	3956.021634	31.8	54.0	22.2	30.8	58.5	3.2	V
5	7912.901657	42.6	54.0	11.4	37.1	57.4	4.9	V
6	17891.074858	49.4	54.0	4.6	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 9		

802.11n40_5190MHz

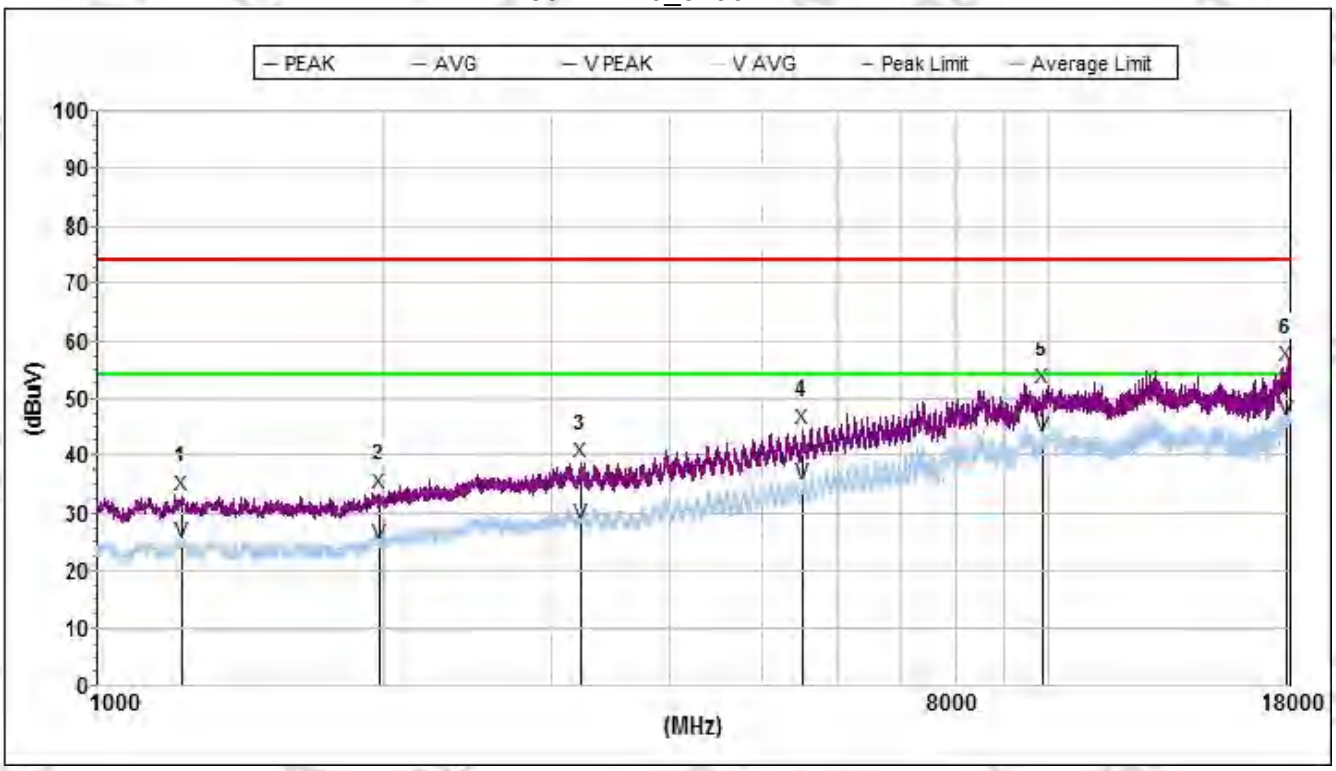


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1225.250000	32.9	74.0	41.1	25.8	60.9	2.3	H
2	1858.500000	32.8	74.0	41.2	25.4	61.1	2.6	H
3	3129.250000	39.7	74.0	34.3	29.7	58.6	3.0	H
4	5299.300000	42.6	74.0	31.4	32.8	57.8	3.8	H
5	9466.850000	52.9	74.0	21.1	38.6	59.7	5.4	H
6	17885.250000	55.3	74.0	18.7	41.6	57.7	7.0	H
Avg								
1	1225.250000	24.4	54.0	29.6	25.8	60.9	2.3	H
2	1858.500000	24.1	54.0	29.9	25.4	61.1	2.6	H
3	3129.250000	29.3	54.0	24.7	29.7	58.6	3.0	H
4	5299.300000	33.4	54.0	20.6	32.8	57.8	3.8	H
5	9466.850000	44.4	54.0	9.6	38.6	59.7	5.4	H
6	17885.250000	47.3	54.0	6.7	41.6	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 9		

802.11n40_5190MHz

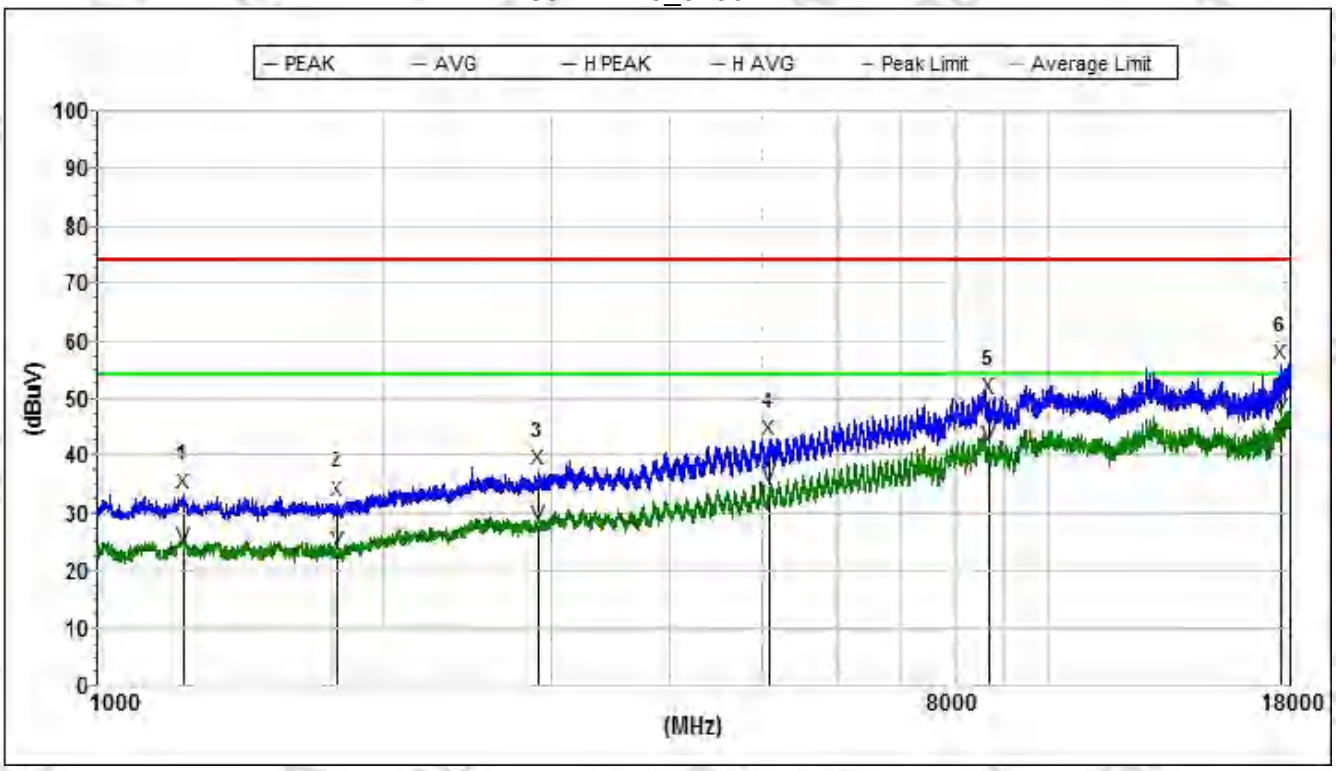


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1226.100000	33.3	74.0	40.7	25.8	60.9	2.3	V
2	1982.600000	33.7	74.0	40.3	26.3	60.9	2.7	V
3	3217.650000	38.9	74.0	35.1	29.7	58.5	3.0	V
4	5520.300000	44.8	74.0	29.2	32.8	58.1	4.0	V
5	9882.500000	51.5	74.0	22.5	38.3	59.7	5.4	V
6	17805.350000	55.7	74.0	18.3	41.1	57.8	7.0	V
Avg								
1	1226.100000	25.0	54.0	29.0	25.8	60.9	2.3	V
2	1982.600000	24.6	54.0	29.4	26.3	60.9	2.7	V
3	3217.650000	28.4	54.0	25.6	29.7	58.5	3.0	V
4	5520.300000	35.1	54.0	18.9	32.8	58.1	4.0	V
5	9882.500000	43.3	54.0	10.7	38.3	59.7	5.4	V
6	17805.350000	46.5	54.0	7.5	41.1	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 9		

802.11n40_5230MHz

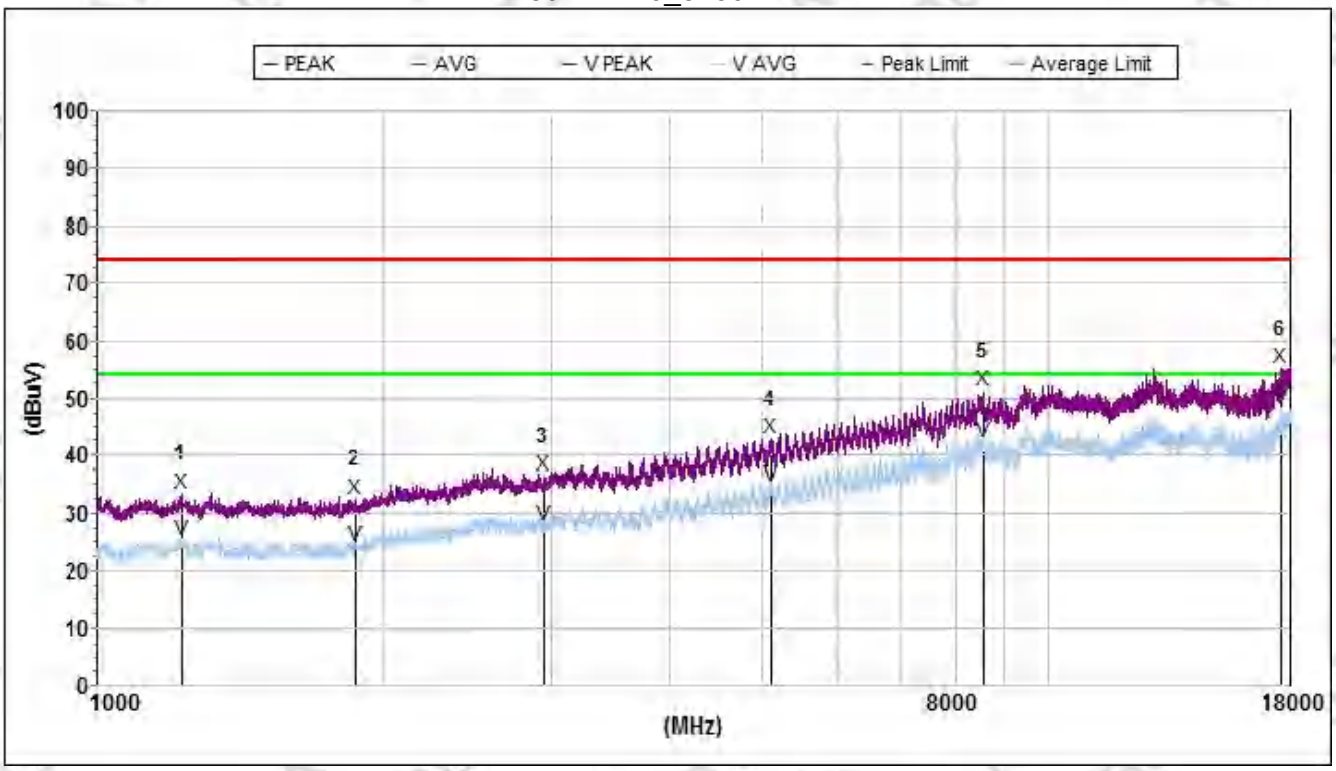


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1228.650000	33.4	74.0	40.6	25.8	60.9	2.3	H
2	1793.900000	32.3	74.0	41.7	25.1	61.3	2.6	H
3	2915.050000	37.6	74.0	36.4	28.9	58.9	2.9	H
4	5106.350000	42.8	74.0	31.2	33.1	57.5	3.7	H
5	8633.850000	49.9	74.0	24.1	37.9	57.4	5.2	H
6	17586.050000	55.8	74.0	18.2	39.8	58.1	6.9	H
Avg								
1	1228.650000	24.0	54.0	30.0	25.8	60.9	2.3	H
2	1793.900000	23.3	54.0	30.7	25.1	61.3	2.6	H
3	2915.050000	28.1	54.0	25.9	28.9	58.9	2.9	H
4	5106.350000	34.8	54.0	19.2	33.1	57.5	3.7	H
5	8633.850000	41.7	54.0	12.3	37.9	57.4	5.2	H
6	17586.050000	46.7	54.0	7.3	39.8	58.1	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 9		

802.11n40_5230MHz

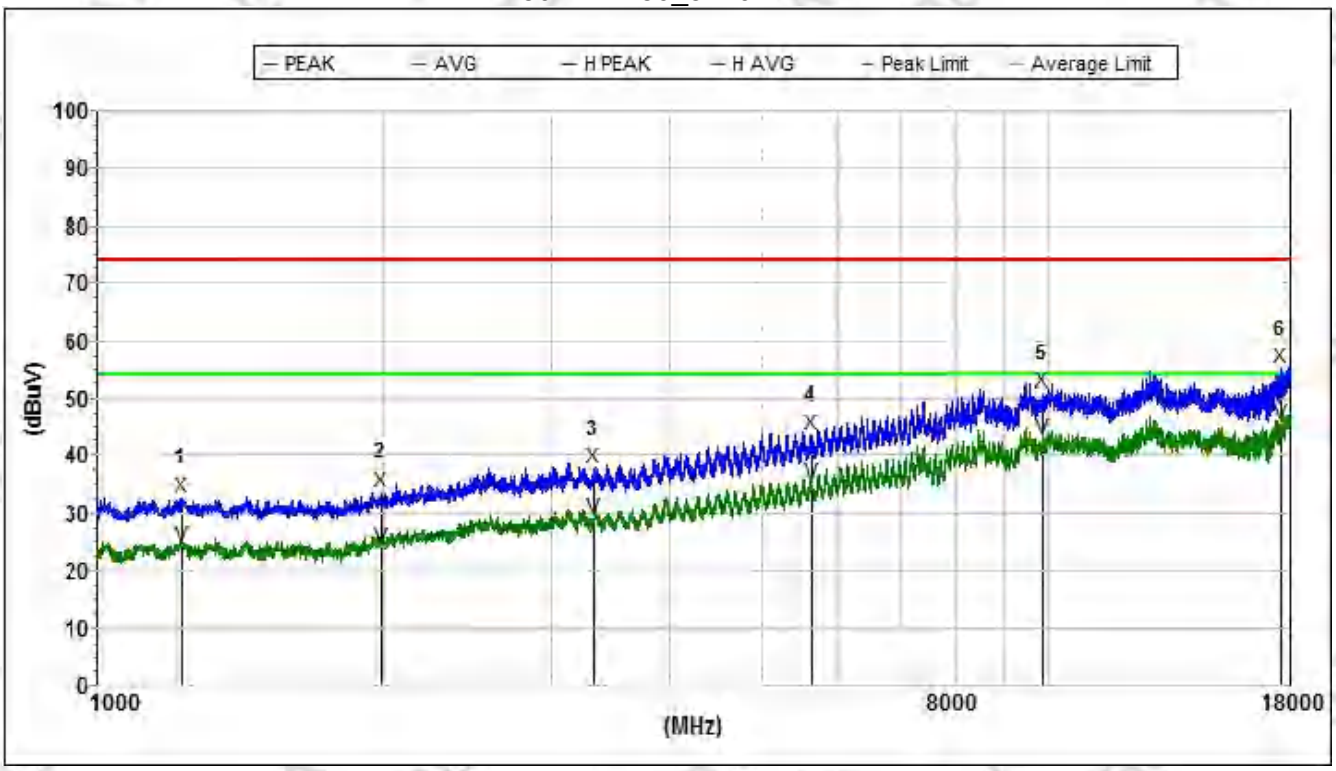


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1222.700000	33.4	74.0	40.6	25.7	60.9	2.3	V
2	1869.550000	32.6	74.0	41.4	25.5	61.1	2.6	V
3	2953.300000	36.5	74.0	37.5	29.1	58.8	2.9	V
4	5109.750000	43.0	74.0	31.0	33.1	57.5	3.7	V
5	8527.600000	51.2	74.0	22.8	37.7	56.0	5.1	V
6	17587.750000	55.2	74.0	18.8	39.8	58.0	6.9	V
Avg								
1	1222.700000	25.2	54.0	28.8	25.7	60.9	2.3	V
2	1869.550000	24.2	54.0	29.8	25.5	61.1	2.6	V
3	2953.300000	27.8	54.0	26.2	29.1	58.8	2.9	V
4	5109.750000	35.0	54.0	19.0	33.1	57.5	3.7	V
5	8527.600000	42.5	54.0	11.5	37.7	56.0	5.1	V
6	17587.750000	48.2	54.0	5.8	39.8	58.0	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 21		

802.11ac80_5210MHz

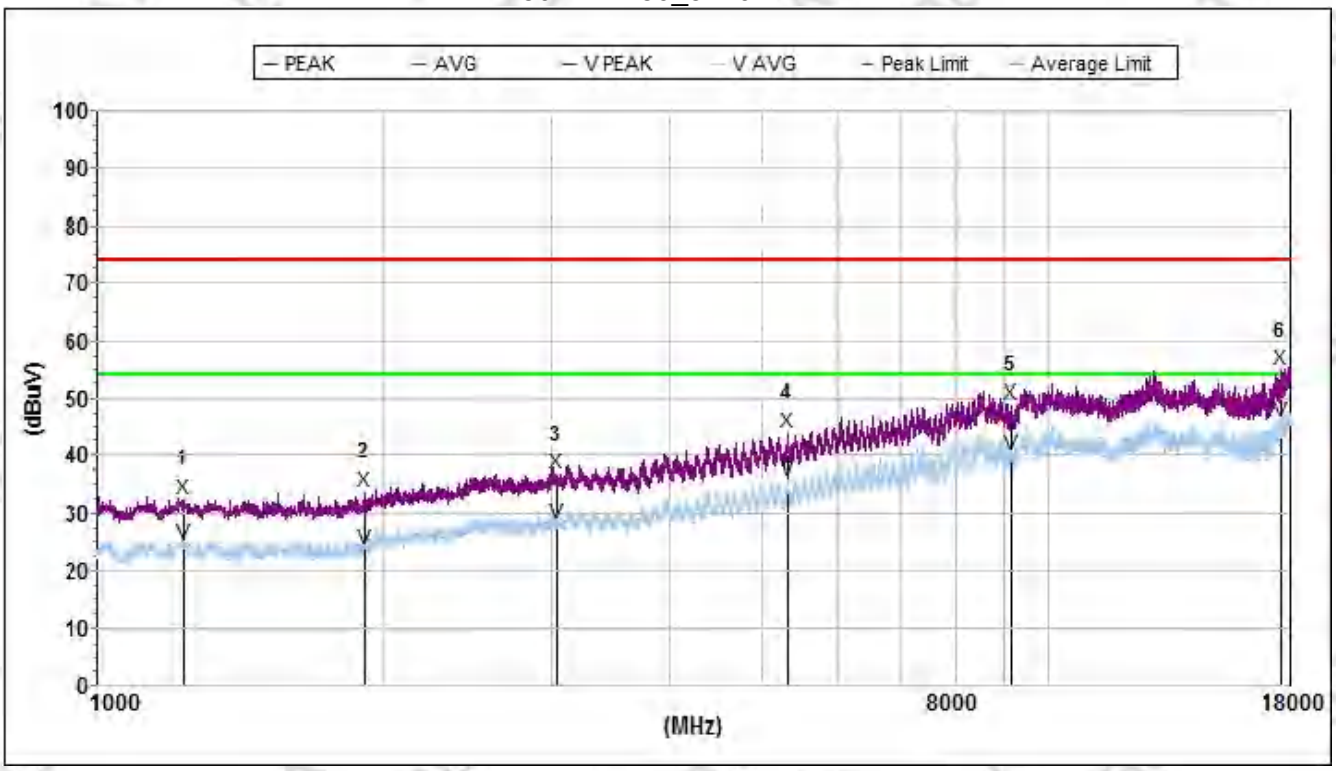


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1225.250000	33.0	74.0	41.0	25.8	60.9	2.3	H
2	1991.100000	33.9	74.0	40.1	26.4	60.9	2.7	H
3	3324.750000	37.9	74.0	36.1	29.6	58.2	3.1	H
4	5634.200000	43.8	74.0	30.2	33.1	58.1	4.0	H
5	9882.500000	50.9	74.0	23.1	38.3	59.7	5.4	H
6	17569.900000	55.1	74.0	18.9	39.7	58.1	6.9	H
Avg								
1	1225.250000	24.3	54.0	29.7	25.8	60.9	2.3	H
2	1991.100000	24.1	54.0	29.9	26.4	60.9	2.7	H
3	3324.750000	29.2	54.0	24.8	29.6	58.2	3.1	H
4	5634.200000	35.3	54.0	18.7	33.1	58.1	4.0	H
5	9882.500000	43.2	54.0	10.8	38.3	59.7	5.4	H
6	17569.900000	45.7	54.0	8.3	39.7	58.1	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 21		

802.11ac80_5210MHz



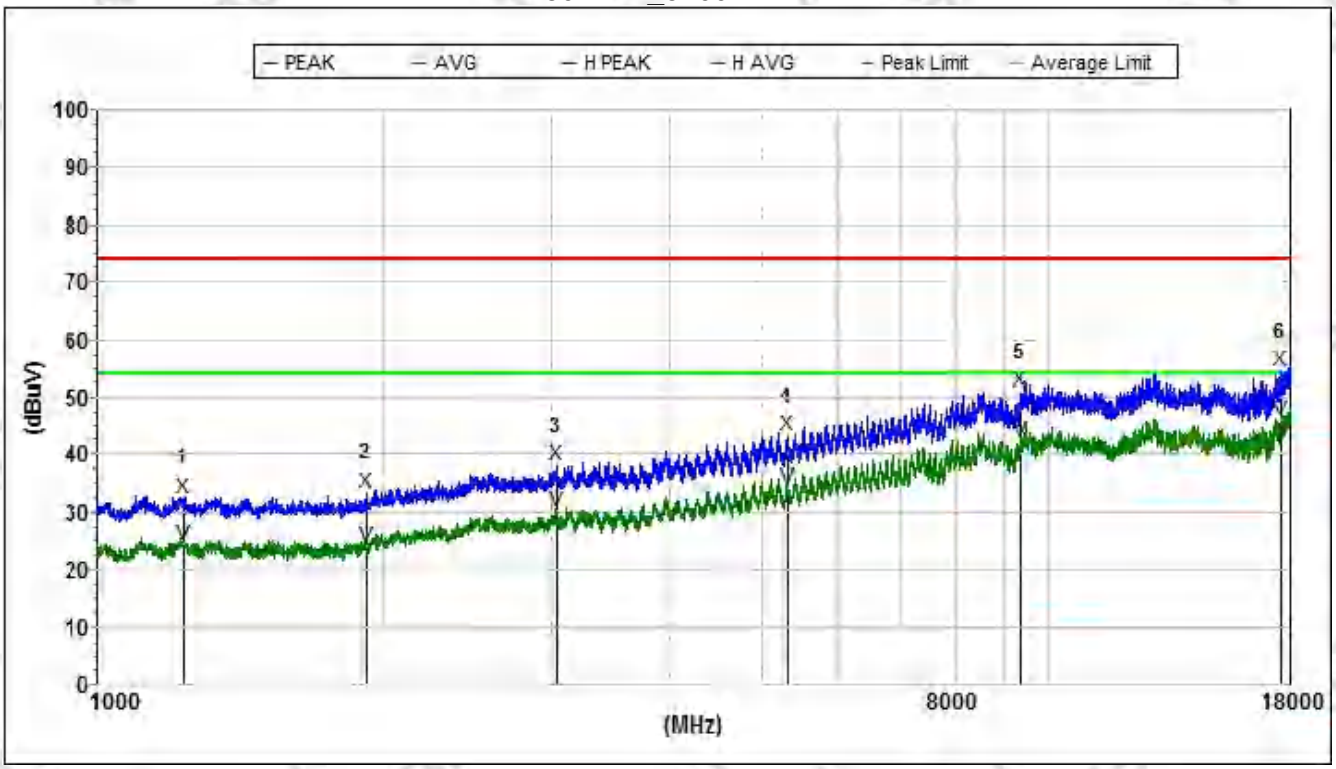
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1227.800000	32.6	74.0	41.4	25.8	60.9	2.3	V
2	1909.500000	33.8	74.0	40.2	25.7	61.0	2.6	V
3	3036.600000	37.0	74.0	37.0	29.5	58.8	3.0	V
4	5314.600000	44.0	74.0	30.0	32.8	57.8	3.9	V
5	9166.800000	49.1	74.0	24.9	38.3	59.6	5.4	V
6	17595.400000	54.9	74.0	19.1	39.8	58.0	6.9	V
Avg								
1	1227.800000	24.6	54.0	29.4	25.8	60.9	2.3	V
2	1909.500000	23.8	54.0	30.2	25.7	61.0	2.6	V
3	3036.600000	28.3	54.0	25.7	29.5	58.8	3.0	V
4	5314.600000	35.7	54.0	18.3	32.8	57.8	3.9	V
5	9166.800000	40.2	54.0	13.8	38.3	59.6	5.4	V
6	17595.400000	45.9	54.0	8.1	39.8	58.0	6.9	V

1GHz - 18GHz

5250MHz-5350MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 2		

802.11a_5260MHz

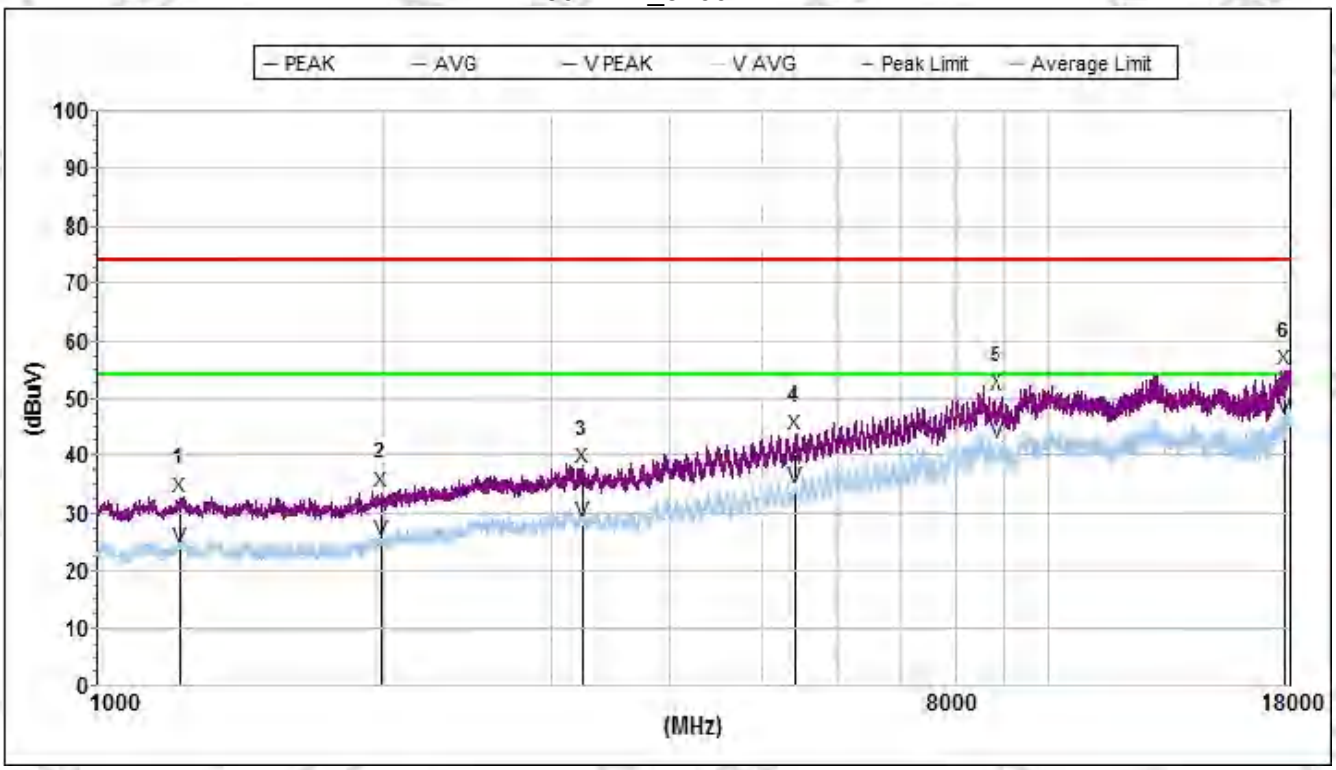


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1229.500000	32.7	74.0	41.3	25.8	60.9	2.3	H
2	1918.000000	33.5	74.0	40.5	25.8	60.9	2.6	H
3	3043.400000	38.1	74.0	35.9	29.5	58.7	3.0	H
4	5324.800000	43.5	74.0	30.5	32.8	57.8	3.9	H
5	9361.450000	51.0	74.0	23.0	38.6	59.3	5.4	H
6	17585.200000	54.7	74.0	19.3	39.8	58.1	6.9	H
Avg								
1	1229.500000	24.2	54.0	29.8	25.8	60.9	2.3	H
2	1918.000000	24.0	54.0	30.0	25.8	60.9	2.6	H
3	3043.400000	30.3	54.0	23.7	29.5	58.7	3.0	H
4	5324.800000	34.3	54.0	19.7	32.8	57.8	3.9	H
5	9361.450000	42.3	54.0	11.7	38.6	59.3	5.4	H
6	17585.200000	46.1	54.0	7.9	39.8	58.1	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 2		

802.11a_5260MHz

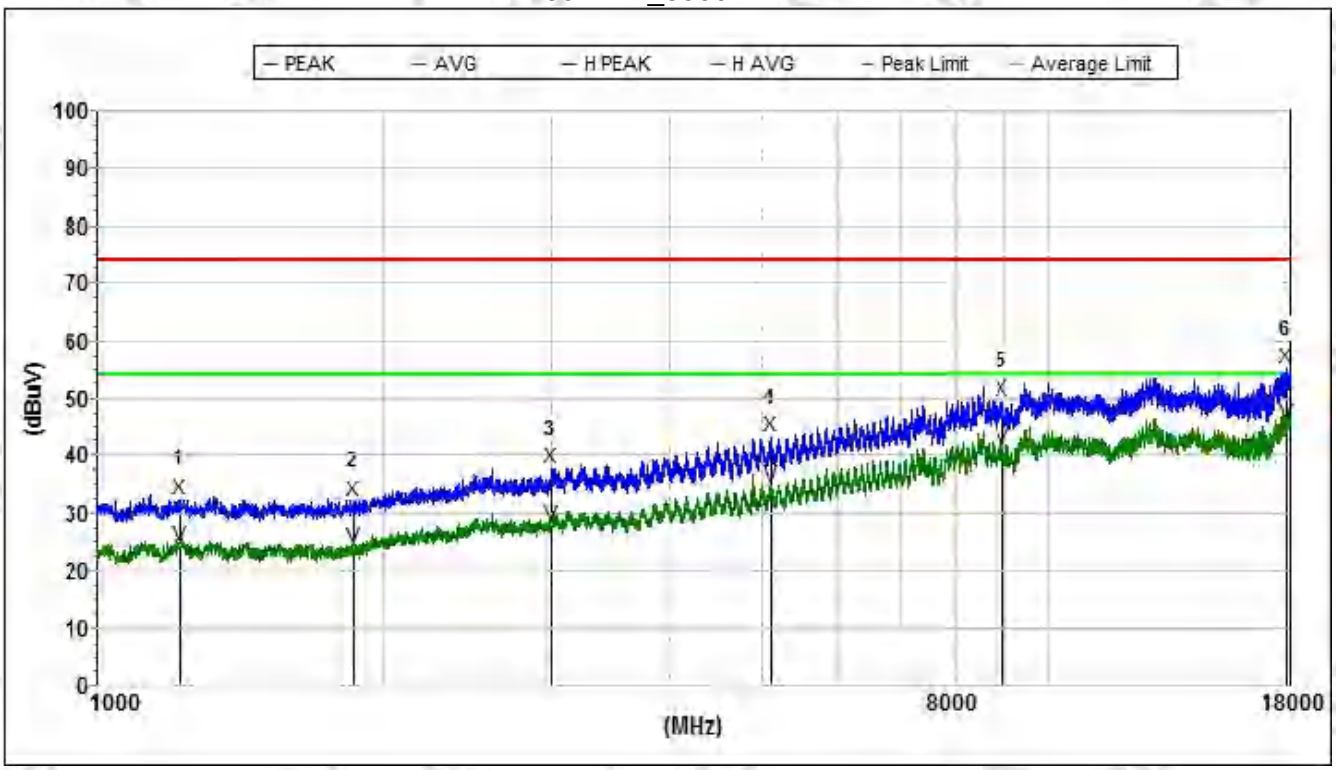


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1221.850000	32.8	74.0	41.2	25.7	60.9	2.3	V
2	1993.650000	33.9	74.0	40.1	26.4	60.9	2.7	V
3	3239.750000	37.8	74.0	36.2	29.7	58.3	3.0	V
4	5431.900000	43.9	74.0	30.1	32.7	58.0	3.9	V
5	8852.300000	50.7	74.0	23.3	38.1	58.7	5.3	V
6	17799.400000	55.0	74.0	19.0	41.1	57.8	7.0	V
Avg								
1	1221.850000	23.9	54.0	30.1	25.7	60.9	2.3	V
2	1993.650000	25.3	54.0	28.7	26.4	60.9	2.7	V
3	3239.750000	28.5	54.0	25.5	29.7	58.3	3.0	V
4	5431.900000	34.5	54.0	19.5	32.7	58.0	3.9	V
5	8852.300000	42.2	54.0	11.8	38.1	58.7	5.3	V
6	17799.400000	46.8	54.0	7.2	41.1	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 2		

802.11a_5300MHz

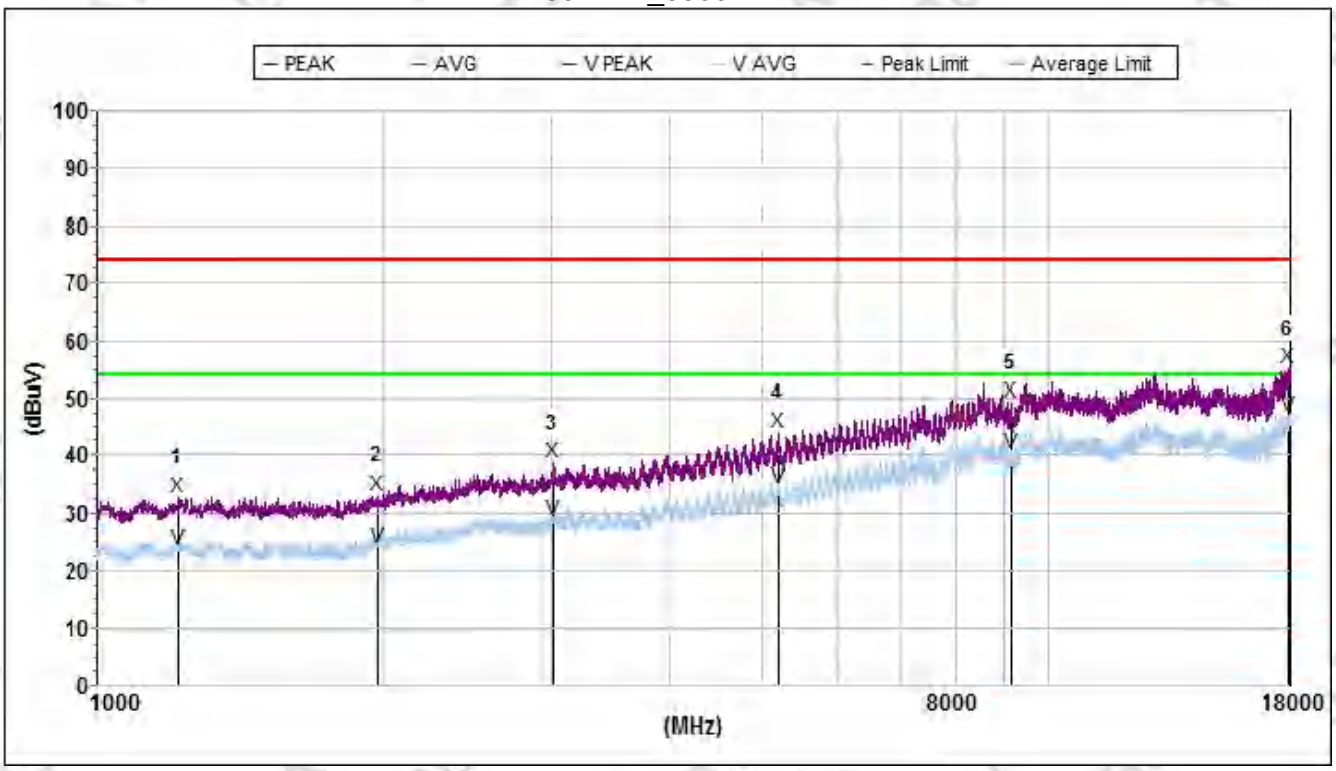


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1221.000000	32.5	74.0	41.5	25.7	60.9	2.3	H
2	1861.900000	32.3	74.0	41.7	25.4	61.1	2.6	H
3	3001.750000	37.7	74.0	36.3	29.4	58.8	3.0	H
4	5114.850000	43.4	74.0	30.6	33.1	57.5	3.7	H
5	8963.650000	49.8	74.0	24.2	38.2	59.2	5.3	H
6	17818.100000	55.1	74.0	18.9	41.2	57.8	7.0	H
Avg								
1	1221.000000	24.3	54.0	29.7	25.7	60.9	2.3	H
2	1861.900000	24.1	54.0	29.9	25.4	61.1	2.6	H
3	3001.750000	28.0	54.0	26.0	29.4	58.8	3.0	H
4	5114.850000	34.8	54.0	19.2	33.1	57.5	3.7	H
5	8963.650000	41.3	54.0	12.7	38.2	59.2	5.3	H
6	17818.100000	45.8	54.0	8.2	41.2	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 2		

802.11a_5300MHz

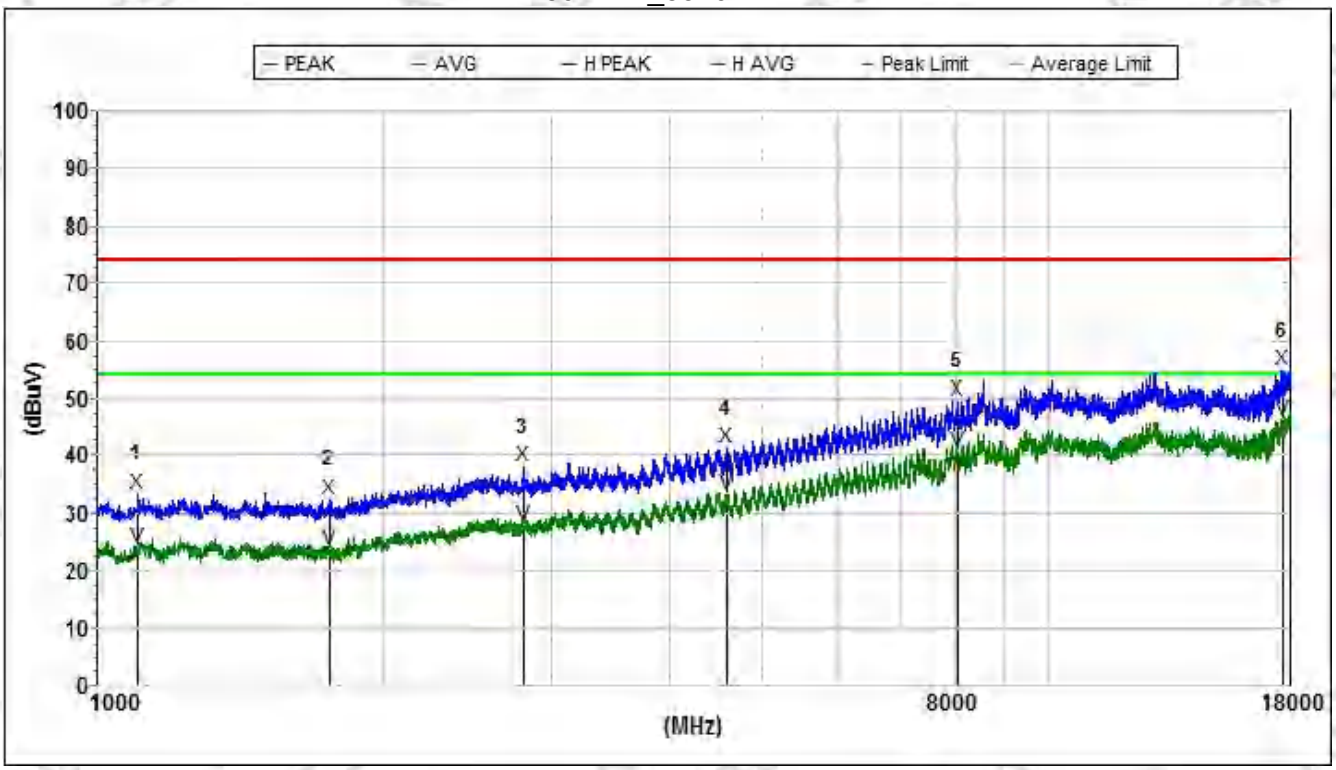


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1216.750000	33.0	74.0	41.0	25.7	60.9	2.3	V
2	1973.250000	33.3	74.0	40.7	26.3	60.9	2.7	V
3	3014.500000	38.7	74.0	35.3	29.4	58.8	3.0	V
4	5207.500000	44.2	74.0	29.8	32.9	57.6	3.8	V
5	9161.700000	49.4	74.0	24.6	38.3	59.6	5.4	V
6	17887.800000	55.4	74.0	18.6	41.7	57.7	7.0	V
Avg								
1	1216.750000	23.7	54.0	30.3	25.7	60.9	2.3	V
2	1973.250000	24.0	54.0	30.0	26.3	60.9	2.7	V
3	3014.500000	28.9	54.0	25.1	29.4	58.8	3.0	V
4	5207.500000	34.5	54.0	19.5	32.9	57.6	3.8	V
5	9161.700000	40.5	54.0	13.5	38.3	59.6	5.4	V
6	17887.800000	47.0	54.0	7.0	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 2		

802.11a_5320MHz

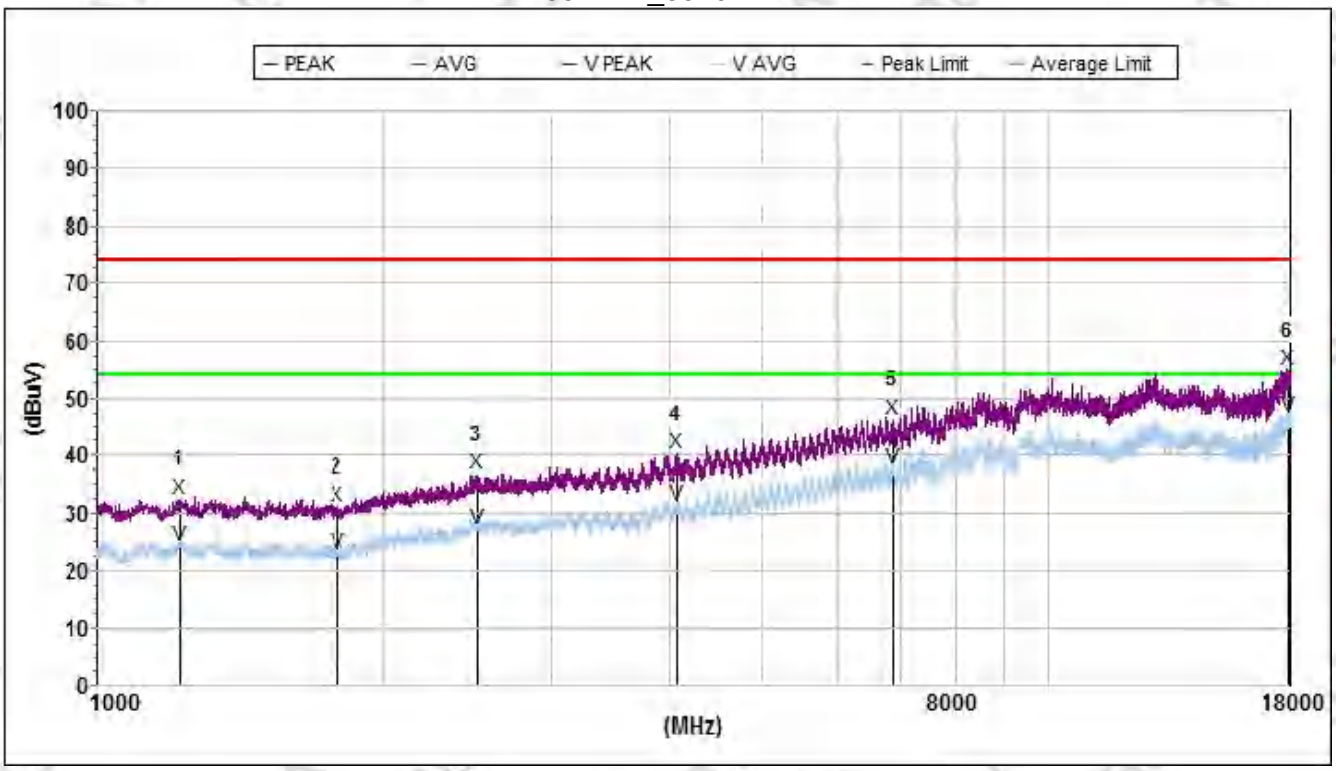


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1102.850000	33.5	74.0	40.5	25.5	60.7	2.2	H
2	1749.700000	32.5	74.0	41.5	25.1	61.3	2.6	H
3	2805.400000	38.0	74.0	36.0	28.5	59.5	2.9	H
4	4583.600000	41.4	74.0	32.6	31.6	57.9	3.6	H
5	8014.200000	49.8	74.0	24.2	37.2	57.2	4.9	H
6	17688.050000	54.8	74.0	19.2	40.4	57.9	6.9	H
Avg								
1	1102.850000	24.1	54.0	29.9	25.5	60.7	2.2	H
2	1749.700000	23.6	54.0	30.4	25.1	61.3	2.6	H
3	2805.400000	27.9	54.0	26.1	28.5	59.5	2.9	H
4	4583.600000	33.7	54.0	20.3	31.6	57.9	3.6	H
5	8014.200000	40.9	54.0	13.1	37.2	57.2	4.9	H
6	17688.050000	46.3	54.0	7.7	40.4	57.9	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 2		

802.11a_5320MHz

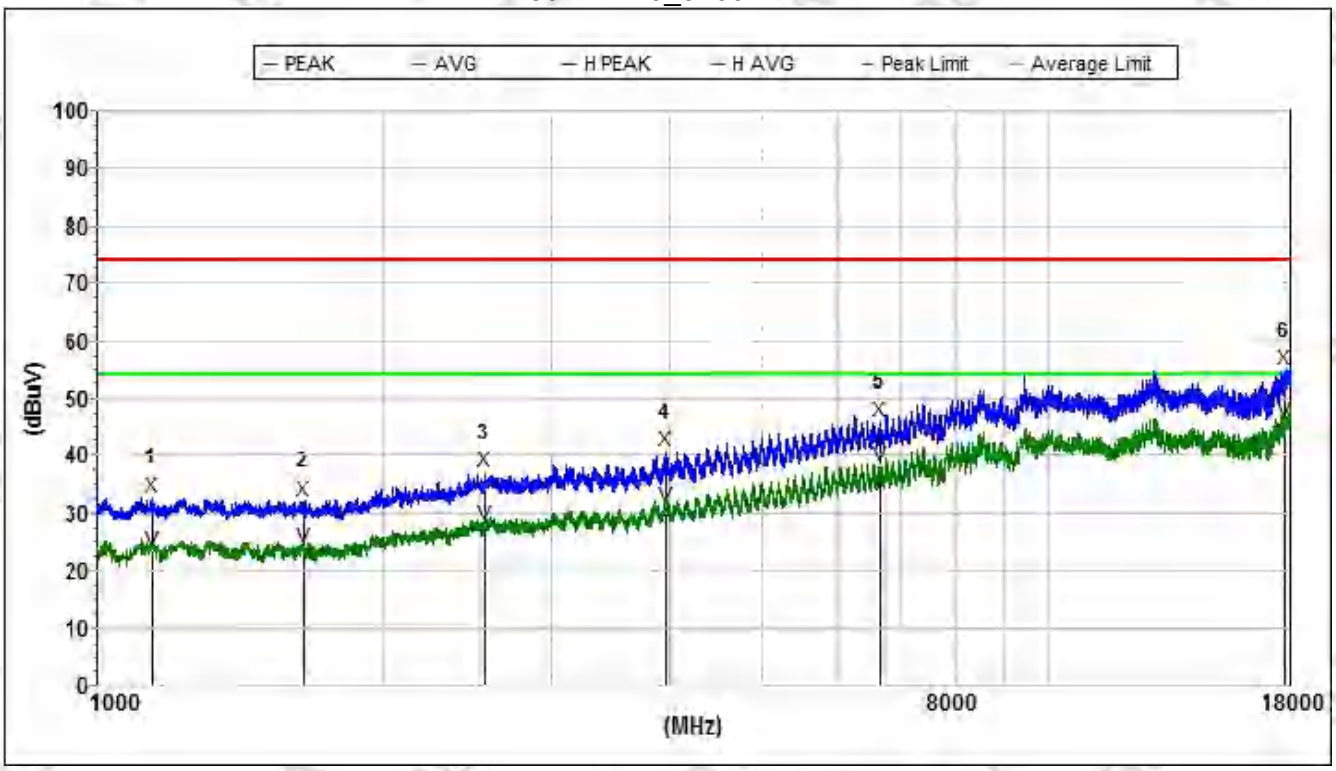


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1219.300000	32.7	74.0	41.3	25.7	60.9	2.3	V
2	1792.200000	31.1	74.0	42.9	25.1	61.3	2.6	V
3	2511.300000	36.7	74.0	37.3	27.8	58.8	2.8	V
4	4073.600000	40.4	74.0	33.6	30.8	58.3	3.3	V
5	6869.250000	46.3	74.0	27.7	35.8	58.6	4.3	V
6	17895.450000	55.0	74.0	19.0	41.7	57.7	7.0	V
Avg								
1	1219.300000	24.2	54.0	29.8	25.7	60.9	2.3	V
2	1792.200000	22.9	54.0	31.1	25.1	61.3	2.6	V
3	2511.300000	27.2	54.0	26.8	27.8	58.8	2.8	V
4	4073.600000	31.5	54.0	22.5	30.8	58.3	3.3	V
5	6869.250000	37.7	54.0	16.3	35.8	58.6	4.3	V
6	17895.450000	47.0	54.0	7.0	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 6		

802.11n20_5260MHz

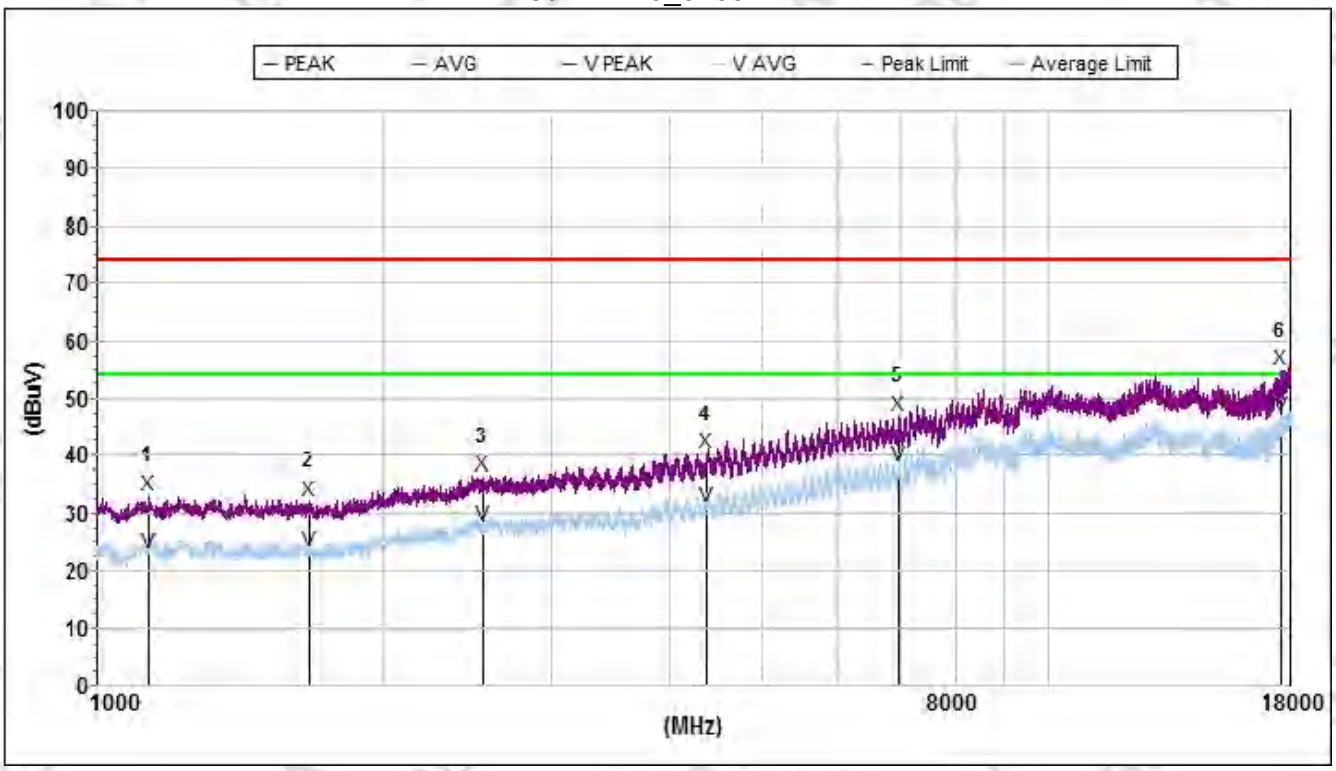


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1139.400000	33.0	74.0	41.0	25.6	60.7	2.2	H
2	1645.150000	32.4	74.0	41.6	25.2	61.2	2.5	H
3	2556.350000	37.3	74.0	36.7	27.9	58.9	2.9	H
4	3963.100000	40.9	74.0	33.1	30.8	58.5	3.3	H
5	6670.350000	45.9	74.0	28.1	35.7	58.1	4.3	H
6	17784.100000	54.8	74.0	19.2	41.0	57.8	7.0	H
Avg								
1	1139.400000	23.4	54.0	30.6	25.6	60.7	2.2	H
2	1645.150000	23.9	54.0	30.1	25.2	61.2	2.5	H
3	2556.350000	27.8	54.0	26.2	27.9	58.9	2.9	H
4	3963.100000	31.3	54.0	22.7	30.8	58.5	3.3	H
5	6670.350000	38.3	54.0	15.7	35.7	58.1	4.3	H
6	17784.100000	46.1	54.0	7.9	41.0	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 6		

802.11n20_5260MHz

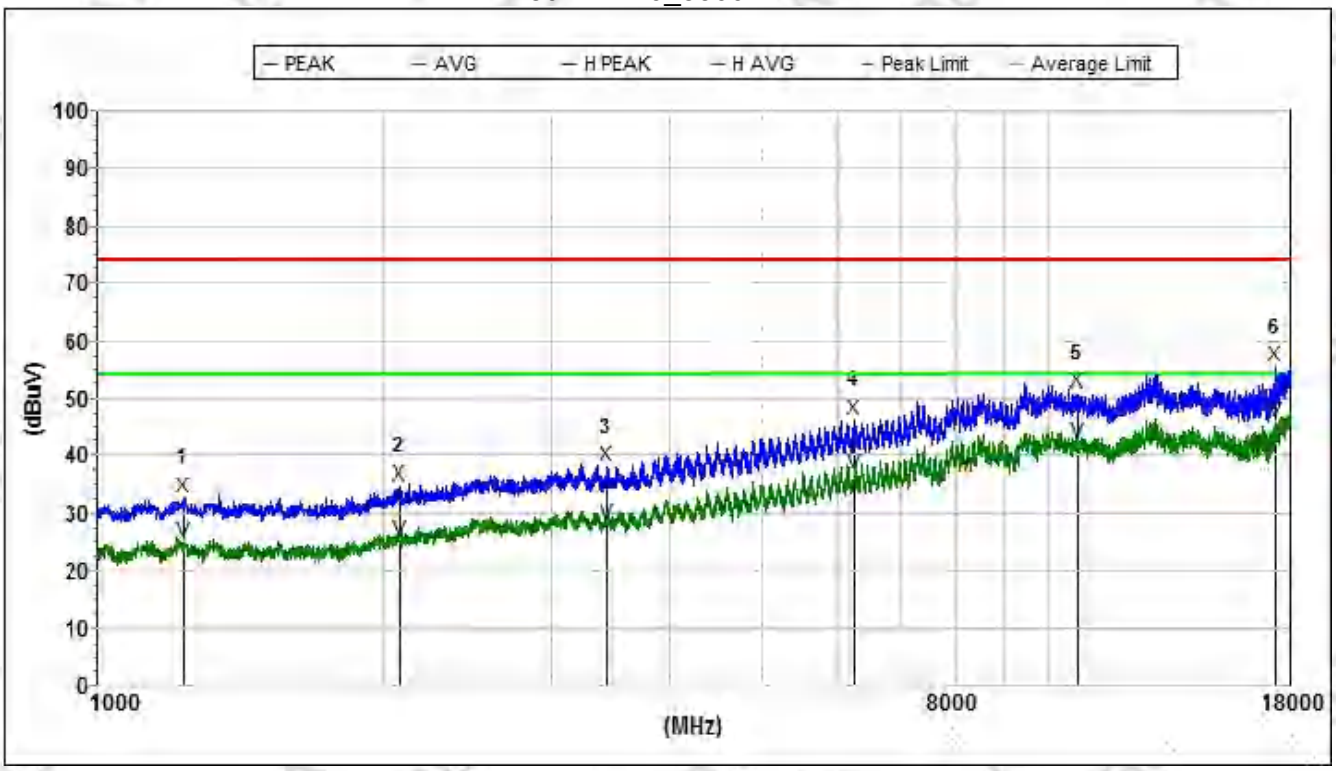


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1130.900000	33.1	74.0	40.9	25.6	60.7	2.2	V
2	1670.650000	32.4	74.0	41.6	25.1	61.2	2.5	V
3	2552.100000	36.5	74.0	37.5	27.9	58.9	2.9	V
4	4365.150000	40.3	74.0	33.7	31.5	58.1	3.5	V
5	6979.750000	46.9	74.0	27.1	35.9	58.6	4.3	V
6	17594.550000	55.0	74.0	19.0	39.8	58.0	6.9	V
Avg								
1	1130.900000	23.1	54.0	30.9	25.6	60.7	2.2	V
2	1670.650000	23.4	54.0	30.6	25.1	61.2	2.5	V
3	2552.100000	28.1	54.0	25.9	27.9	58.9	2.9	V
4	4365.150000	31.2	54.0	22.8	31.5	58.1	3.5	V
5	6979.750000	38.3	54.0	15.7	35.9	58.6	4.3	V
6	17594.550000	47.1	54.0	6.9	39.8	58.0	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 6		

802.11n20_5300MHz

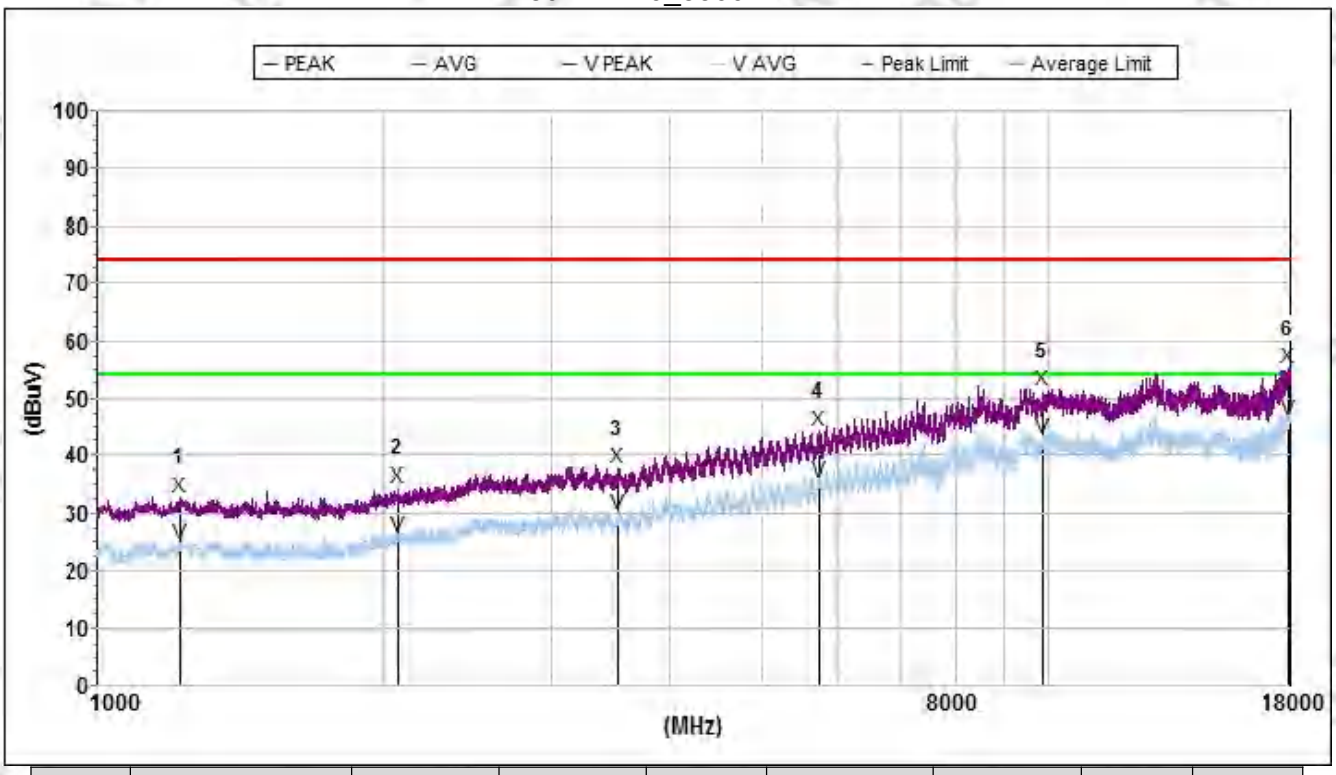


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1231.878601	32.9	74.0	41.1	25.8	60.9	2.3	H
2	2077.705282	35.0	74.0	39.0	27.0	60.9	2.7	H
3	3447.527084	38.1	74.0	35.9	29.5	58.5	3.1	H
4	6254.885298	46.4	74.0	27.6	34.2	58.0	4.2	H
5	10726.380517	51.1	74.0	22.9	38.9	61.2	5.6	H
6	17363.783508	55.5	74.0	18.5	39.0	58.8	6.9	H
Avg								
1	1231.878601	25.0	54.0	29.0	25.8	60.9	2.3	H
2	2077.705282	25.3	54.0	28.7	27.0	60.9	2.7	H
3	3447.527084	28.3	54.0	25.7	29.5	58.5	3.1	H
4	6254.885298	36.8	54.0	17.2	34.2	58.0	4.2	H
5	10726.380517	42.3	54.0	11.7	38.9	61.2	5.6	H
6	17363.783508	46.0	54.0	8.0	39.0	58.8	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 6		

802.11n20_5300MHz

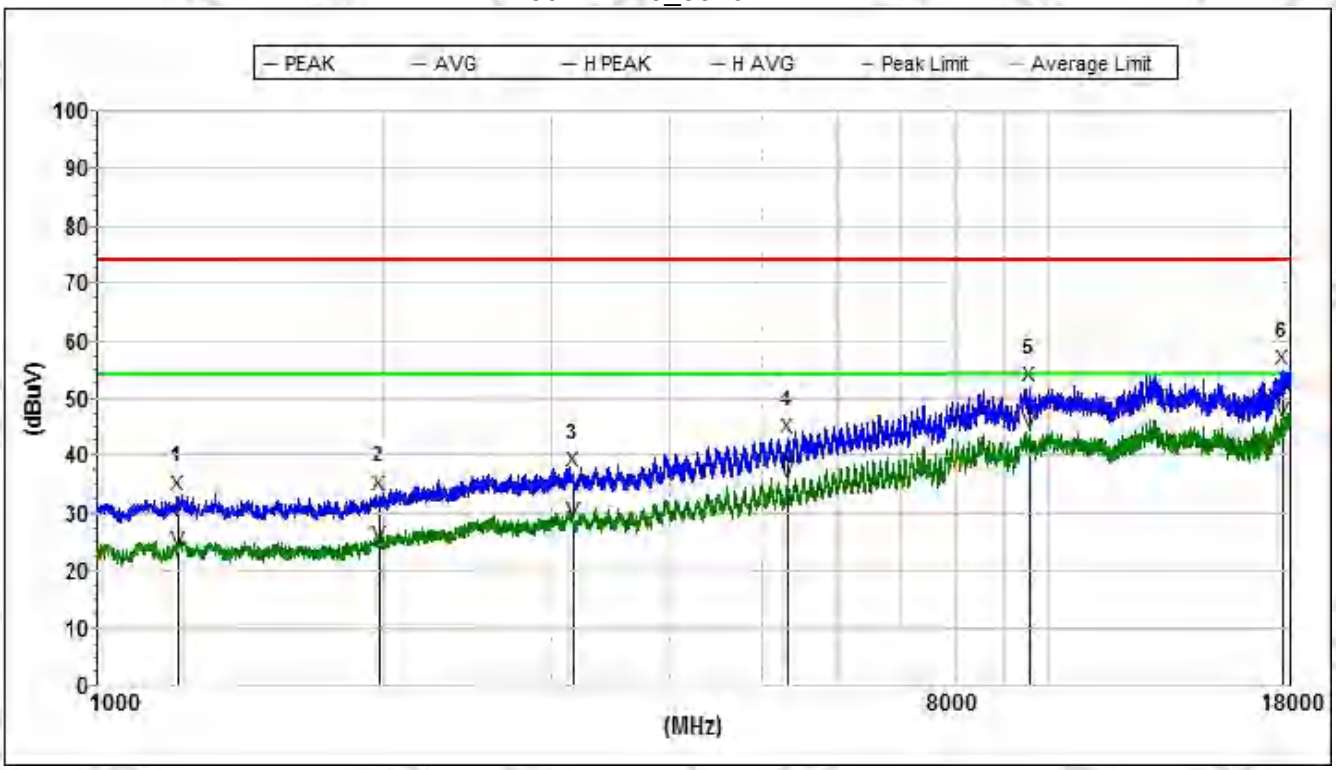


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1221.850000	33.0	74.0	41.0	25.7	60.9	2.3	V
2	2069.300000	34.6	74.0	39.4	27.0	60.9	2.7	V
3	3533.000000	37.9	74.0	36.1	29.5	59.0	3.1	V
4	5735.350000	44.3	74.0	29.7	33.5	58.1	4.0	V
5	9891.000000	51.3	74.0	22.7	38.4	59.7	5.4	V
6	17905.650000	55.2	74.0	18.8	41.8	57.7	7.0	V
Avg								
1	1221.850000	24.6	54.0	29.4	25.7	60.9	2.3	V
2	2069.300000	25.9	54.0	28.1	27.0	60.9	2.7	V
3	3533.000000	29.9	54.0	24.1	29.5	59.0	3.1	V
4	5735.350000	35.5	54.0	18.5	33.5	58.1	4.0	V
5	9891.000000	43.2	54.0	10.8	38.4	59.7	5.4	V
6	17905.650000	46.3	54.0	7.7	41.8	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 6		

802.11n20_5320MHz

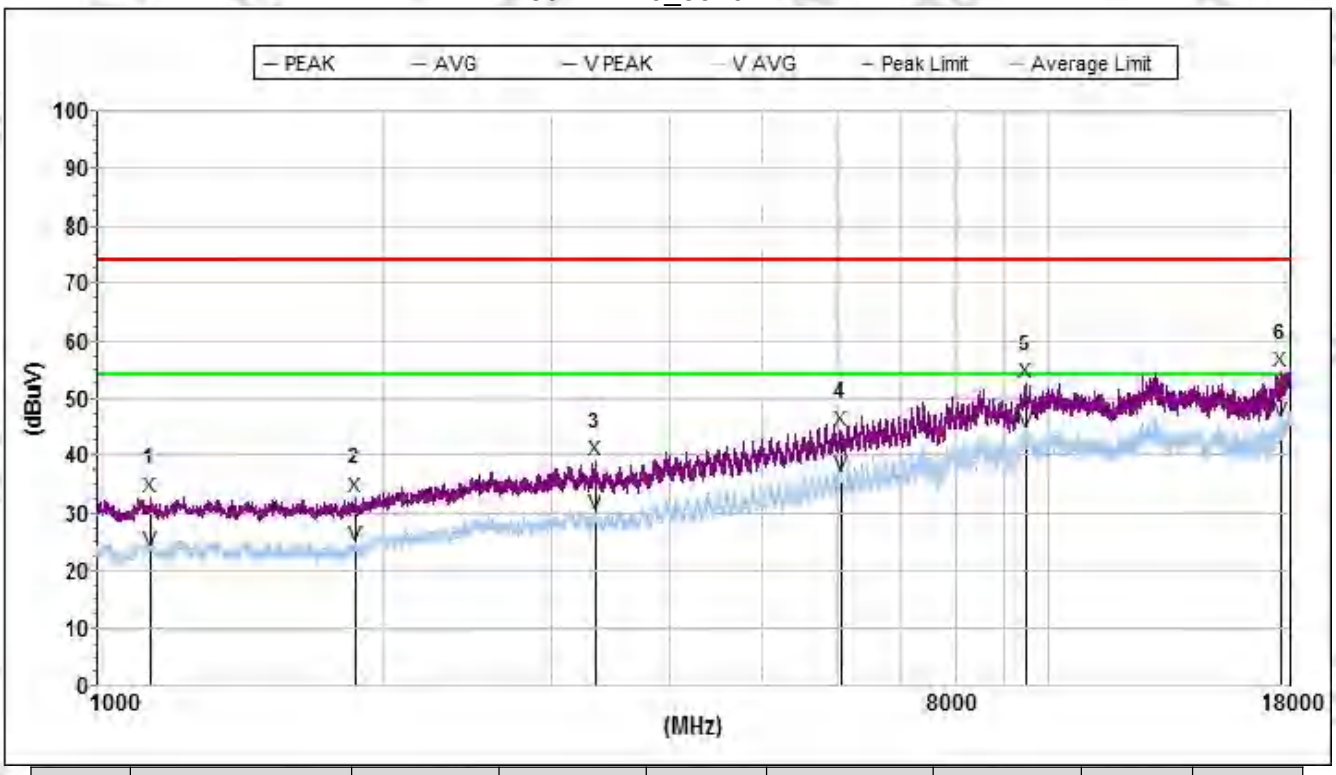


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1211.650000	33.2	74.0	40.8	25.7	60.9	2.3	H
2	1985.150000	33.3	74.0	40.7	26.4	60.9	2.7	H
3	3158.150000	37.3	74.0	36.7	29.7	58.6	3.0	H
4	5320.550000	43.0	74.0	31.0	32.8	57.8	3.9	H
5	9573.100000	51.9	74.0	22.1	38.5	59.1	5.4	H
6	17696.550000	54.8	74.0	19.2	40.5	57.9	6.9	H
Avg								
1	1211.650000	23.3	54.0	30.7	25.7	60.9	2.3	H
2	1985.150000	24.2	54.0	29.8	26.4	60.9	2.7	H
3	3158.150000	28.5	54.0	25.5	29.7	58.6	3.0	H
4	5320.550000	35.6	54.0	18.4	32.8	57.8	3.9	H
5	9573.100000	44.2	54.0	9.8	38.5	59.1	5.4	H
6	17696.550000	46.0	54.0	8.0	40.5	57.9	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 6		

802.11n20_5320MHz

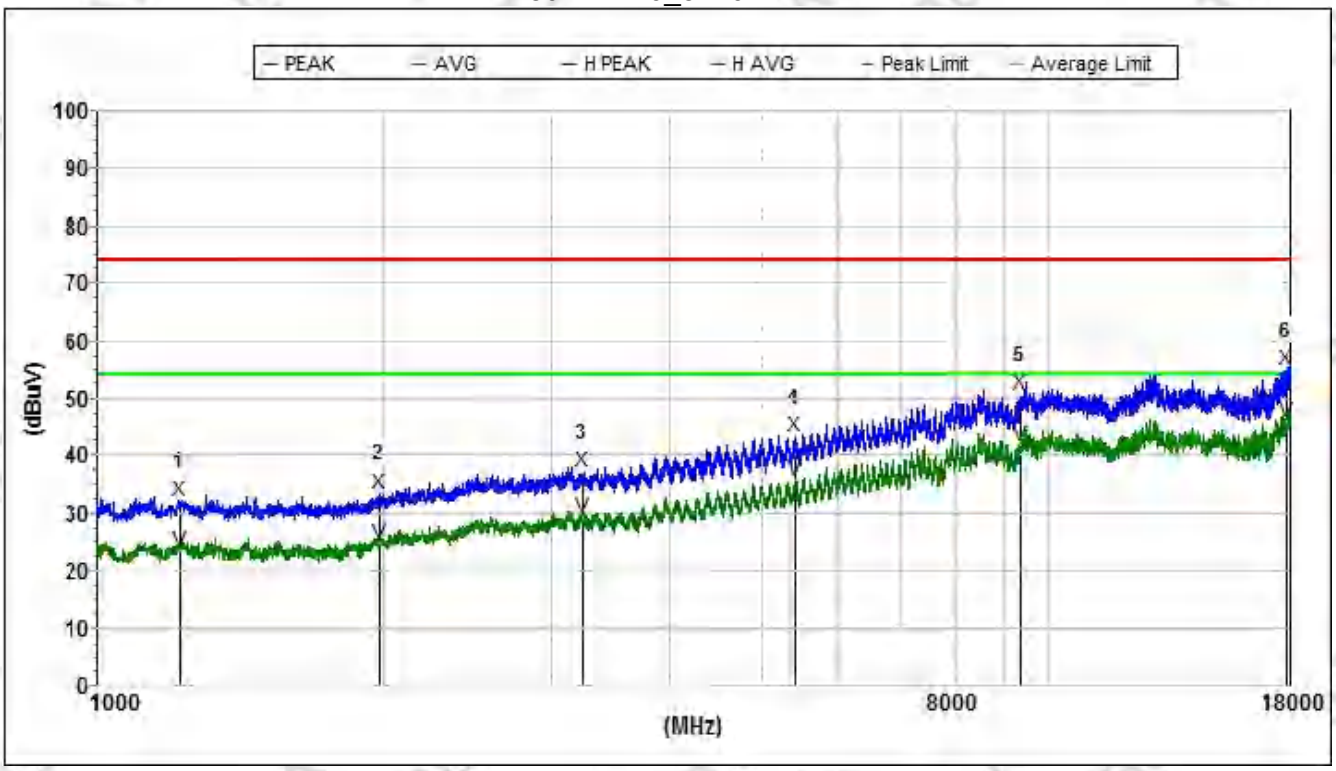


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1138.550000	33.0	74.0	41.0	25.6	60.7	2.2	V
2	1870.400000	32.9	74.0	41.1	25.5	61.1	2.6	V
3	3340.900000	39.2	74.0	34.8	29.5	58.2	3.1	V
4	6049.000000	44.5	74.0	29.5	34.0	58.0	4.1	V
5	9474.500000	52.5	74.0	21.5	38.6	59.7	5.4	V
6	17580.950000	54.6	74.0	19.4	39.7	58.1	6.9	V
Avg								
1	1138.550000	23.4	54.0	30.6	25.6	60.7	2.2	V
2	1870.400000	24.3	54.0	29.7	25.5	61.1	2.6	V
3	3340.900000	30.0	54.0	24.0	29.5	58.2	3.1	V
4	6049.000000	36.5	54.0	17.5	34.0	58.0	4.1	V
5	9474.500000	44.2	54.0	9.8	38.6	59.7	5.4	V
6	17580.950000	46.2	54.0	7.8	39.7	58.1	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 10		

802.11n40_5270MHz

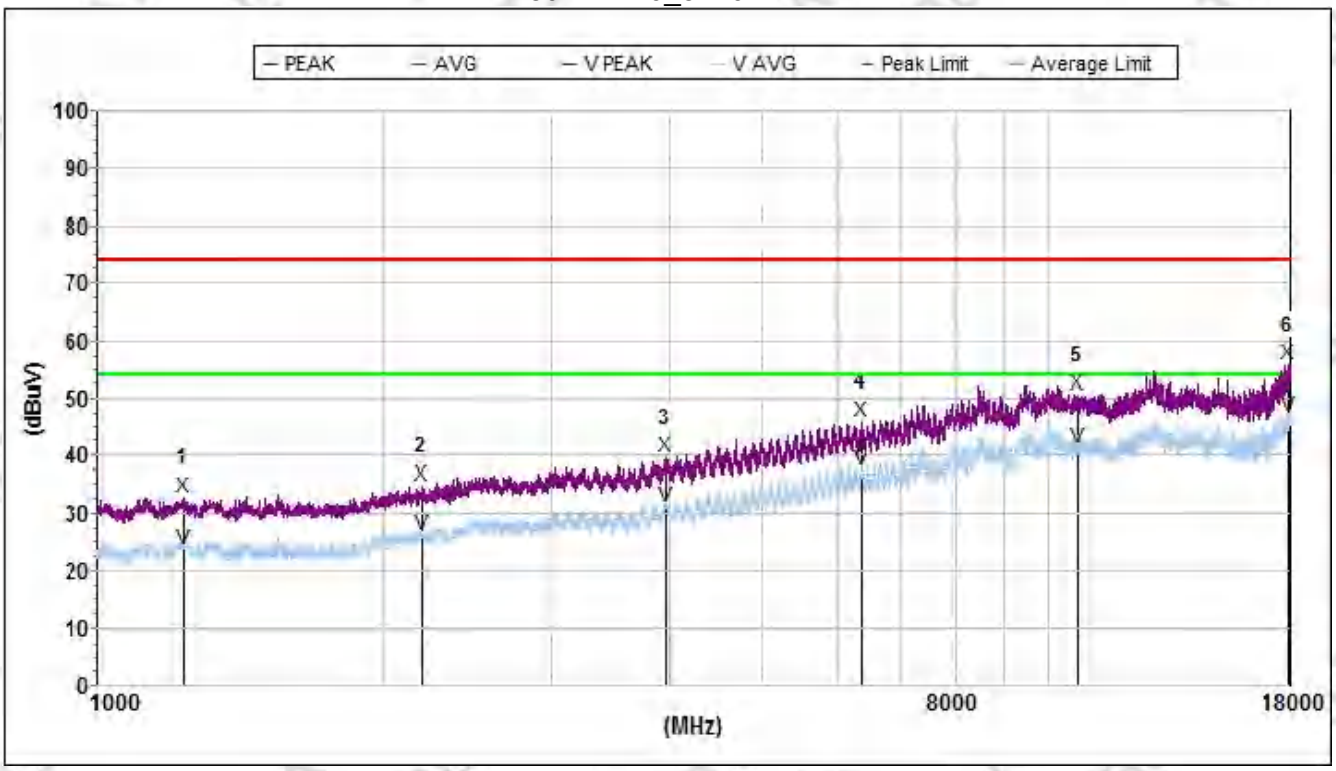


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1220.150000	32.4	74.0	41.6	25.7	60.9	2.3	H
2	1986.000000	33.7	74.0	40.3	26.4	60.9	2.7	H
3	3230.400000	37.1	74.0	36.9	29.7	58.4	3.0	H
4	5416.600000	43.3	74.0	30.7	32.7	58.0	3.9	H
5	9381.850000	50.8	74.0	23.2	38.6	59.2	5.4	H
6	17820.650000	54.9	74.0	19.1	41.2	57.8	7.0	H
Avg								
1	1220.150000	23.4	54.0	30.6	25.7	60.9	2.3	H
2	1986.000000	24.6	54.0	29.4	26.4	60.9	2.7	H
3	3230.400000	29.3	54.0	24.7	29.7	58.4	3.0	H
4	5416.600000	35.8	54.0	18.2	32.7	58.0	3.9	H
5	9381.850000	41.9	54.0	12.1	38.6	59.2	5.4	H
6	17820.650000	46.2	54.0	7.8	41.2	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 10		

802.11n40_5270MHz

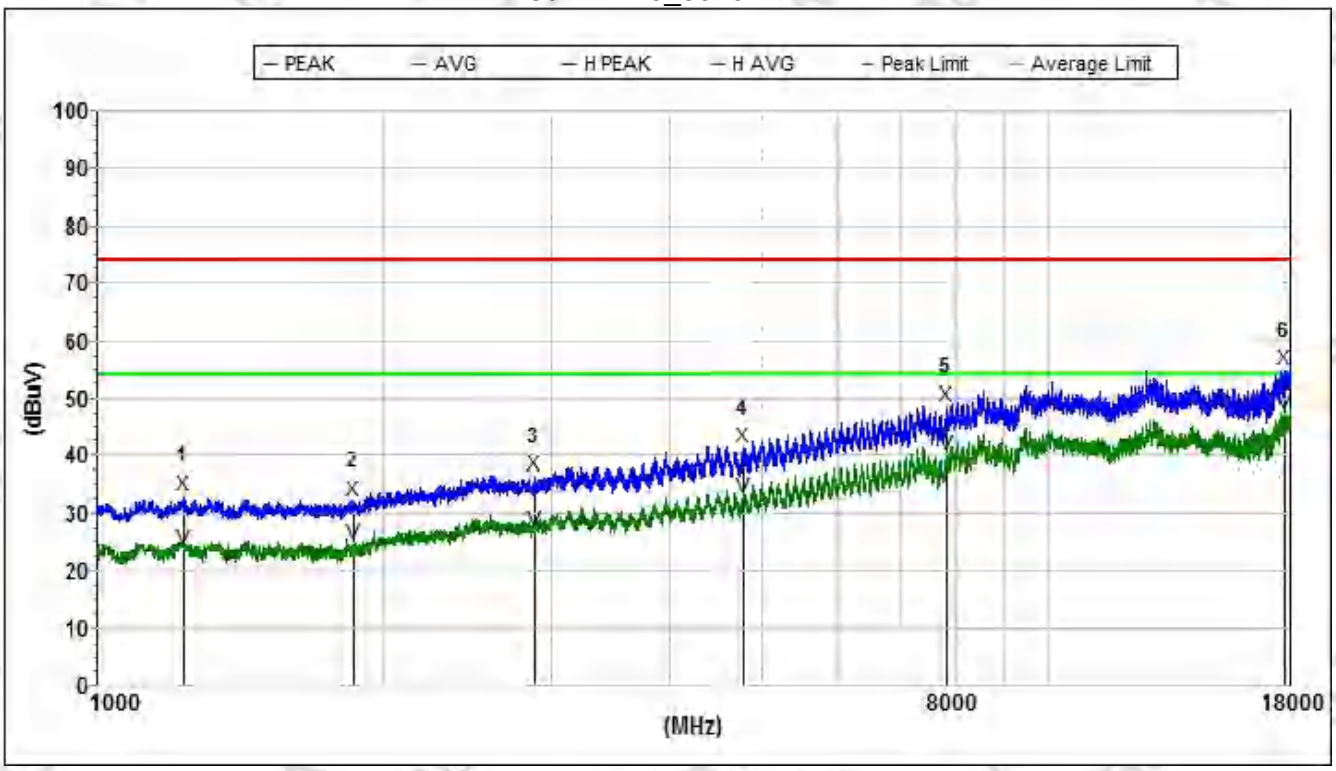


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1231.200000	32.8	74.0	41.2	25.8	60.9	2.3	V
2	2194.250000	34.8	74.0	39.2	27.2	60.5	2.7	V
3	3970.750000	39.7	74.0	34.3	30.8	58.5	3.3	V
4	6364.350000	45.9	74.0	28.1	34.5	58.0	4.2	V
5	10762.250000	50.5	74.0	23.5	38.9	61.1	5.6	V
6	17896.300000	55.8	74.0	18.2	41.7	57.7	7.0	V
Avg								
1	1231.200000	23.8	54.0	30.2	25.8	60.9	2.3	V
2	2194.250000	26.3	54.0	27.7	27.2	60.5	2.7	V
3	3970.750000	31.1	54.0	22.9	30.8	58.5	3.3	V
4	6364.350000	37.4	54.0	16.6	34.5	58.0	4.2	V
5	10762.250000	41.6	54.0	12.4	38.9	61.1	5.6	V
6	17896.300000	47.0	54.0	7.0	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 10		

802.11n40_5310MHz

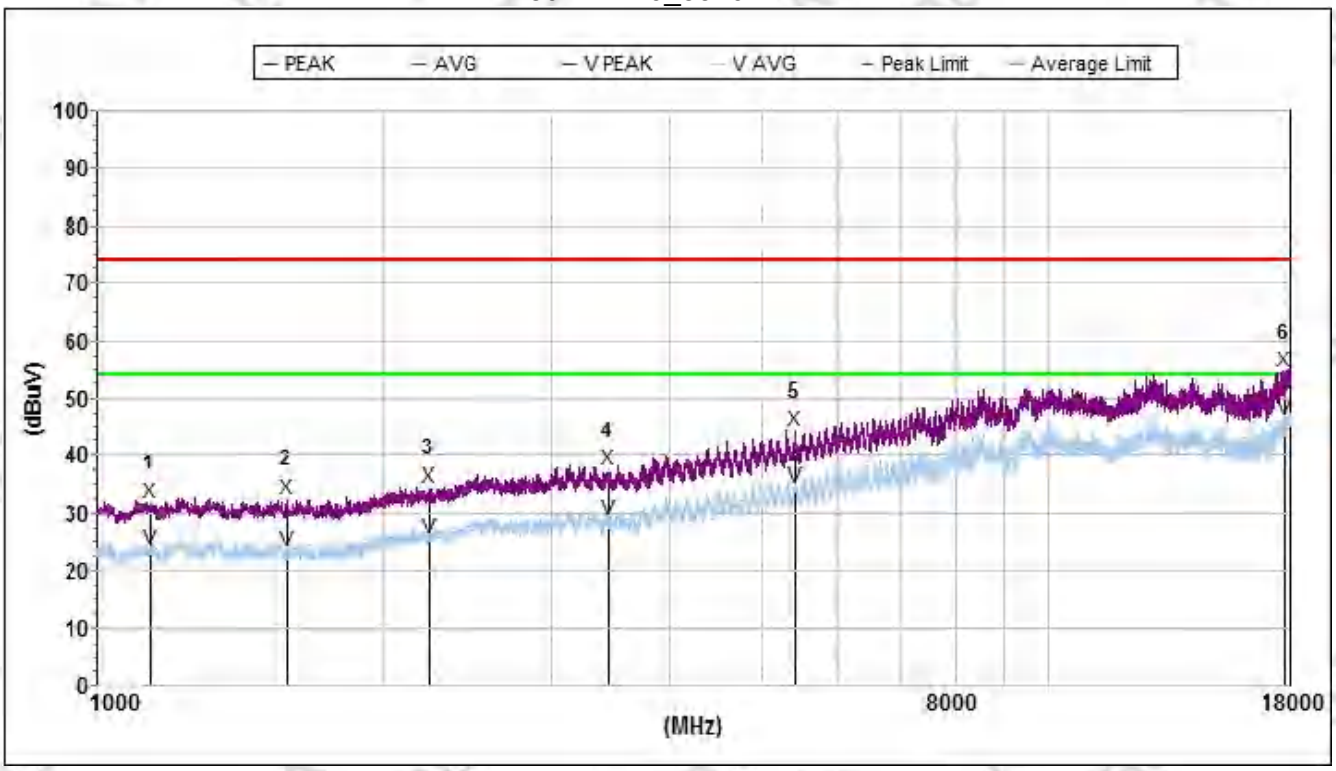


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1232.900000	33.2	74.0	40.8	25.8	60.9	2.3	H
2	1861.900000	32.2	74.0	41.8	25.4	61.1	2.6	H
3	2887.000000	36.4	74.0	37.6	28.8	59.0	2.9	H
4	4793.550000	41.4	74.0	32.6	32.2	57.5	3.6	H
5	7822.950000	48.8	74.0	25.2	36.9	57.5	4.8	H
6	17789.200000	54.9	74.0	19.1	41.0	57.8	7.0	H
Avg								
1	1232.900000	23.8	54.0	30.2	25.8	60.9	2.3	H
2	1861.900000	24.6	54.0	29.4	25.4	61.1	2.6	H
3	2887.000000	27.1	54.0	26.9	28.8	59.0	2.9	H
4	4793.550000	33.0	54.0	21.0	32.2	57.5	3.6	H
5	7822.950000	40.1	54.0	13.9	36.9	57.5	4.8	H
6	17789.200000	47.5	54.0	6.5	41.0	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 10		

802.11n40_5310MHz

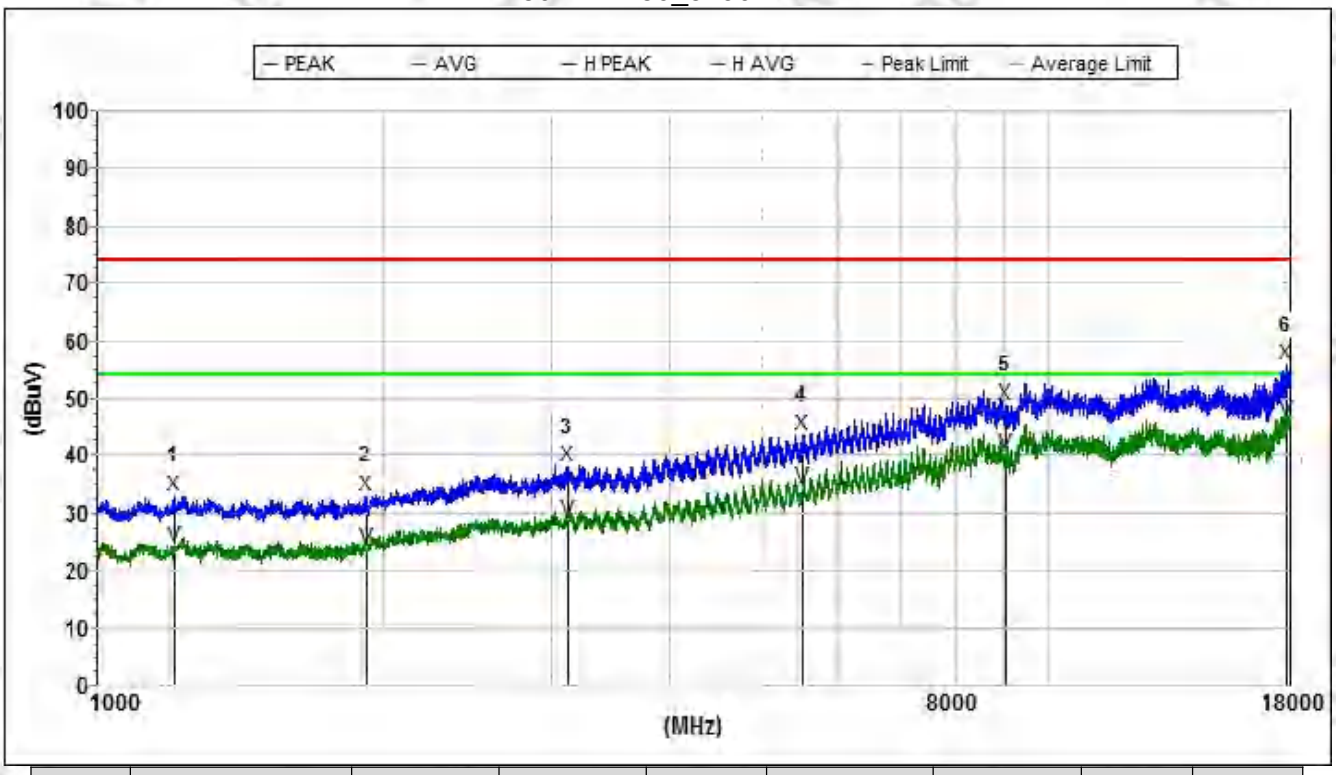


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1137.700000	31.8	74.0	42.2	25.6	60.7	2.2	V
2	1579.700000	32.7	74.0	41.3	25.3	61.2	2.5	V
3	2234.200000	34.6	74.0	39.4	27.2	60.3	2.8	V
4	3456.500000	37.4	74.0	36.6	29.5	58.6	3.1	V
5	5428.500000	44.5	74.0	29.5	32.7	58.0	3.9	V
6	17792.600000	54.7	74.0	19.3	41.1	57.8	7.0	V
Avg								
1	1137.700000	23.8	54.0	30.2	25.6	60.7	2.2	V
2	1579.700000	23.5	54.0	30.5	25.3	61.2	2.5	V
3	2234.200000	25.7	54.0	28.3	27.2	60.3	2.8	V
4	3456.500000	28.9	54.0	25.1	29.5	58.6	3.1	V
5	5428.500000	34.5	54.0	19.5	32.7	58.0	3.9	V
6	17792.600000	46.5	54.0	7.5	41.1	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 22		

802.11ac80_5290MHz

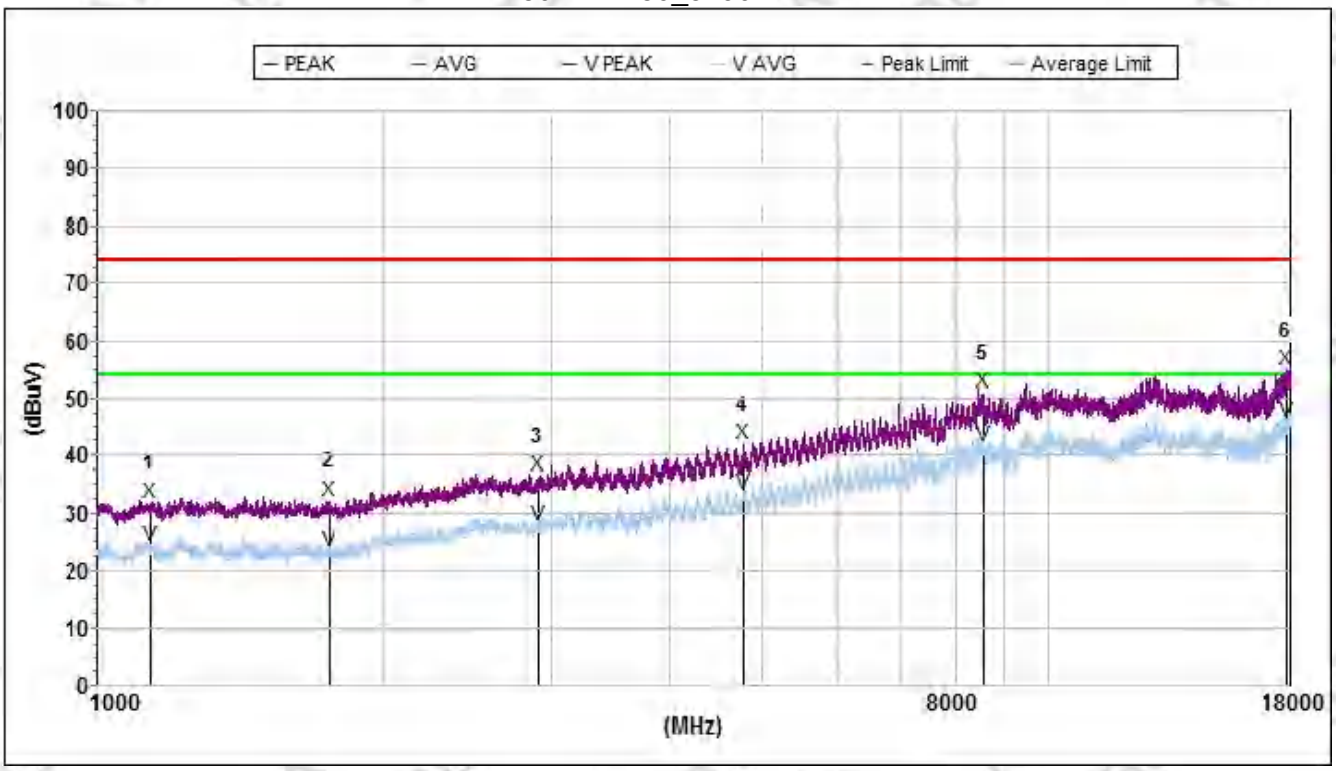


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1204.850000	33.3	74.0	40.7	25.7	60.8	2.3	H
2	1918.000000	33.2	74.0	40.8	25.8	60.9	2.6	H
3	3128.400000	38.3	74.0	35.7	29.7	58.6	3.0	H
4	5526.250000	43.7	74.0	30.3	32.8	58.1	4.0	H
5	9052.050000	49.0	74.0	25.0	38.2	59.5	5.4	H
6	17807.050000	55.8	74.0	18.2	41.2	57.8	7.0	H
Avg								
1	1204.850000	24.3	54.0	29.7	25.7	60.8	2.3	H
2	1918.000000	23.9	54.0	30.1	25.8	60.9	2.6	H
3	3128.400000	29.0	54.0	25.0	29.7	58.6	3.0	H
4	5526.250000	34.7	54.0	19.3	32.8	58.1	4.0	H
5	9052.050000	40.4	54.0	13.6	38.2	59.5	5.4	H
6	17807.050000	46.4	54.0	7.6	41.2	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 22		

802.11ac80_5290MHz



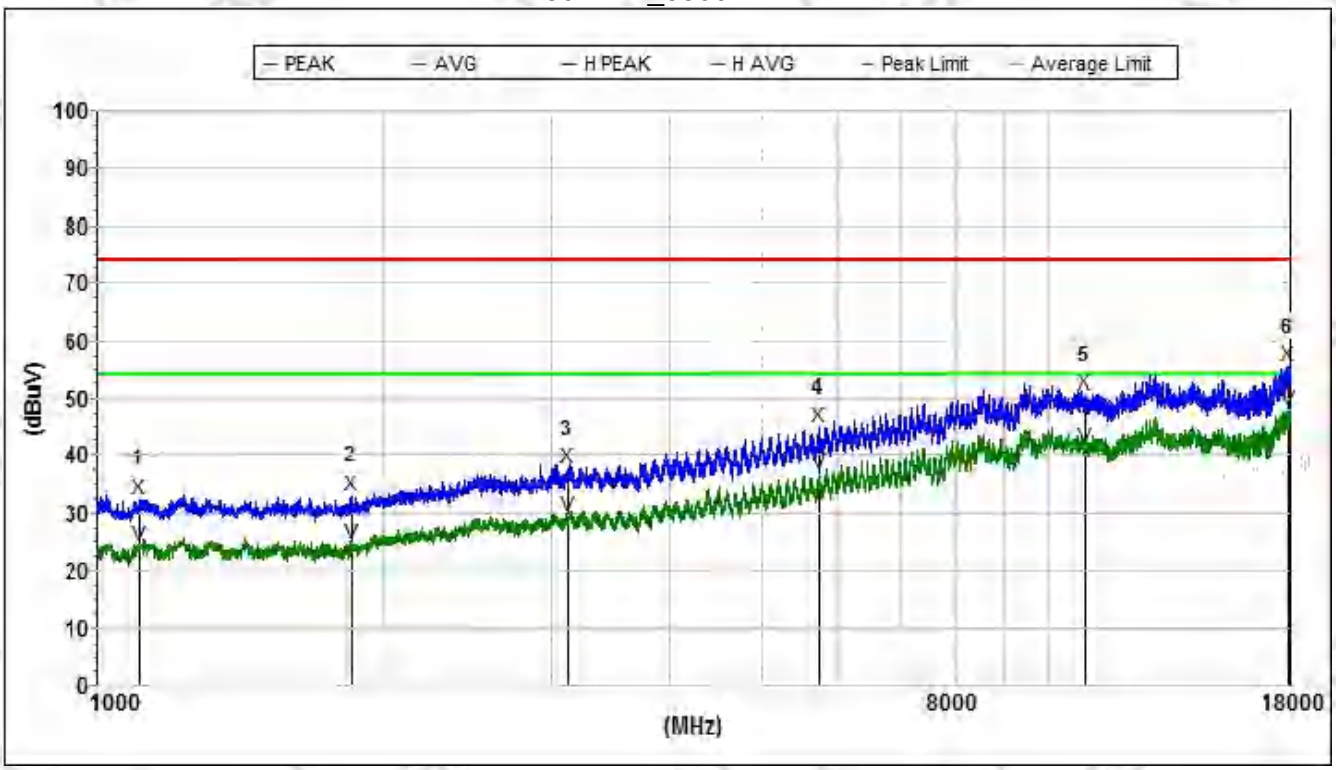
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1136.000000	31.9	74.0	42.1	25.6	60.7	2.2	V
2	1748.850000	32.3	74.0	41.7	25.1	61.3	2.6	V
3	2908.250000	36.5	74.0	37.5	28.9	58.9	2.9	V
4	4793.550000	42.0	74.0	32.0	32.2	57.5	3.6	V
5	8525.050000	51.1	74.0	22.9	37.7	56.0	5.1	V
6	17822.350000	54.9	74.0	19.1	41.3	57.8	7.0	V
Avg								
1	1136.000000	24.4	54.0	29.6	25.6	60.7	2.2	V
2	1748.850000	23.3	54.0	30.7	25.1	61.3	2.6	V
3	2908.250000	28.0	54.0	26.0	28.9	58.9	2.9	V
4	4793.550000	33.7	54.0	20.3	32.2	57.5	3.6	V
5	8525.050000	41.9	54.0	12.1	37.7	56.0	5.1	V
6	17822.350000	45.9	54.0	8.1	41.3	57.8	7.0	V

1GHz - 18GHz

5470MHz-5725MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 3		

802.11a_5500MHz

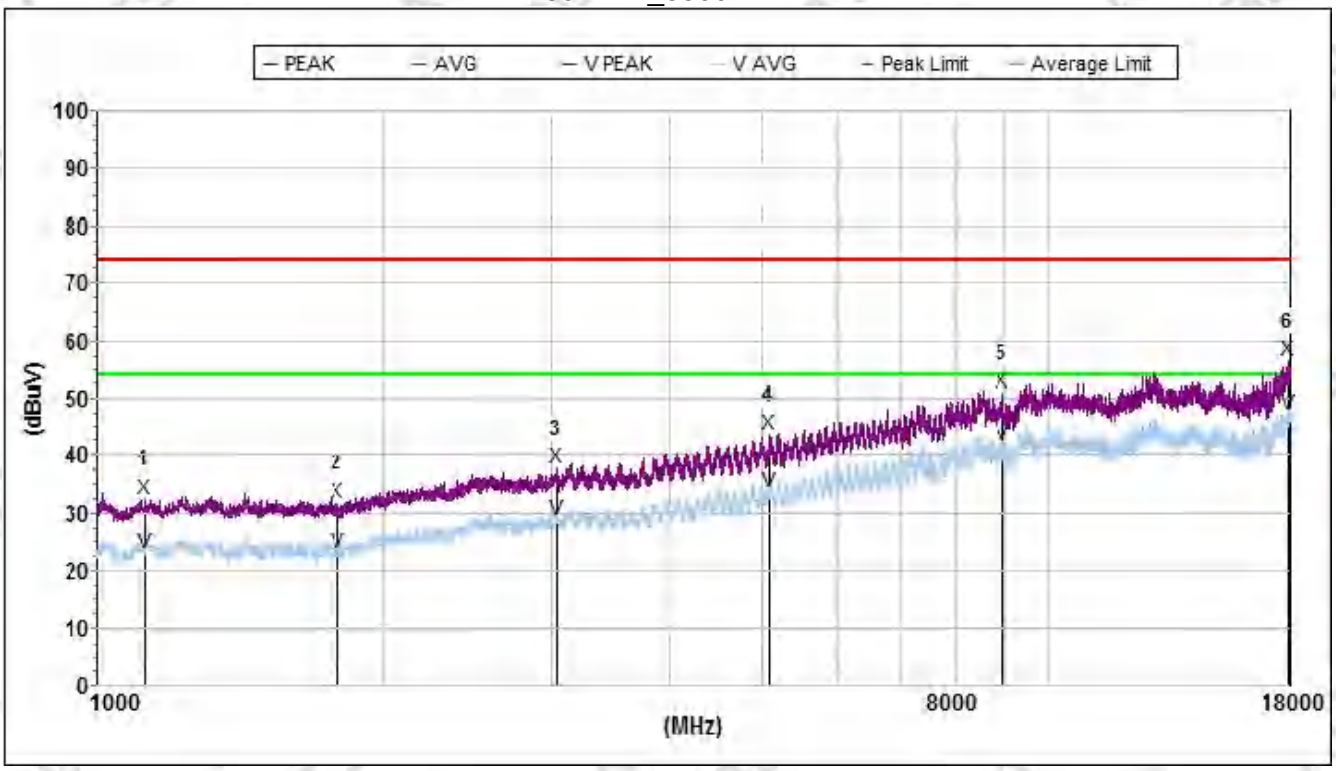


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1105.400000	32.6	74.0	41.4	25.5	60.7	2.2	H
2	1857.650000	33.3	74.0	40.7	25.4	61.1	2.6	H
3	3126.700000	37.9	74.0	36.1	29.7	58.6	3.0	H
4	5734.500000	45.1	74.0	28.9	33.5	58.1	4.0	H
5	10941.600000	50.6	74.0	23.4	38.9	61.1	5.7	H
6	17890.350000	55.6	74.0	18.4	41.7	57.7	7.0	H
Avg								
1	1105.400000	24.3	54.0	29.7	25.5	60.7	2.2	H
2	1857.650000	24.8	54.0	29.2	25.4	61.1	2.6	H
3	3126.700000	29.5	54.0	24.5	29.7	58.6	3.0	H
4	5734.500000	36.8	54.0	17.2	33.5	58.1	4.0	H
5	10941.600000	41.5	54.0	12.5	38.9	61.1	5.7	H
6	17890.350000	47.9	54.0	6.1	41.7	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 3		

802.11a_5500MHz

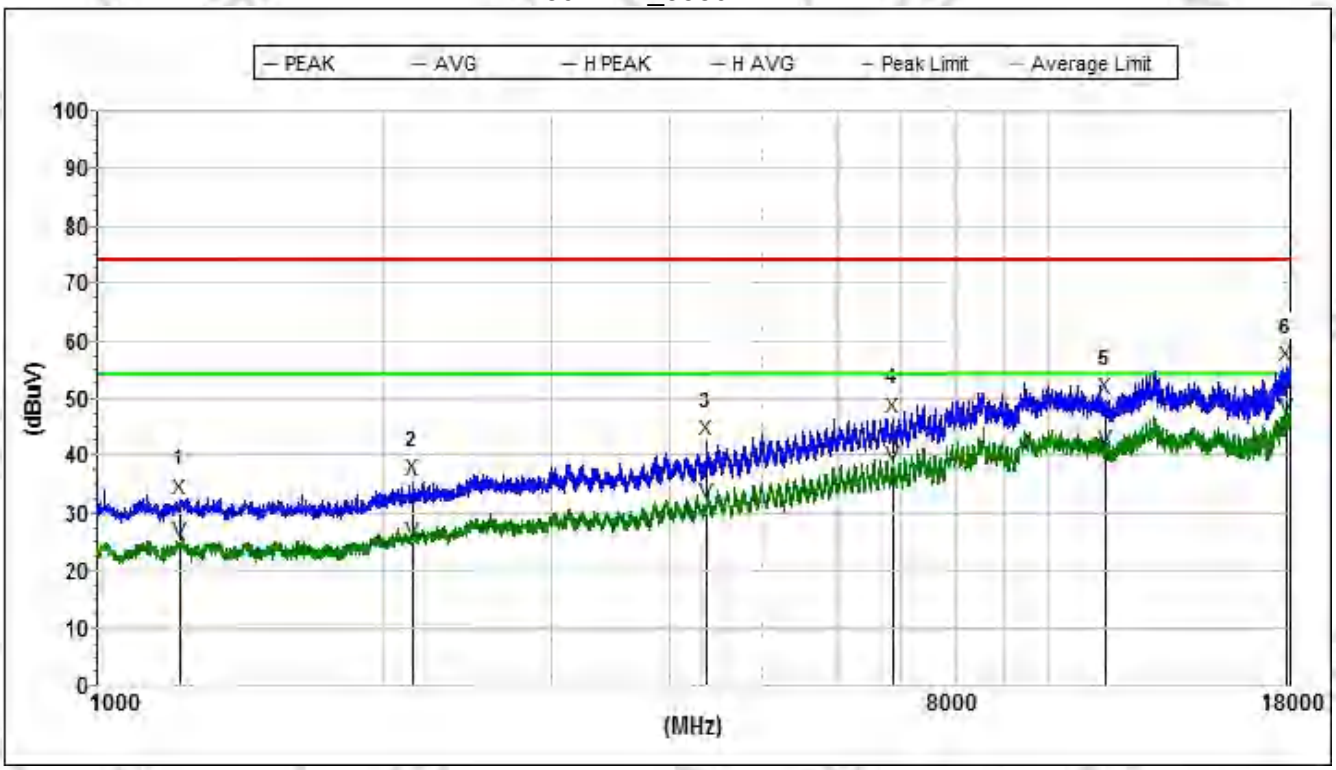


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1122.400000	32.7	74.0	41.3	25.5	60.7	2.2	V
2	1790.500000	31.8	74.0	42.2	25.1	61.3	2.6	V
3	3040.000000	37.7	74.0	36.3	29.5	58.8	3.0	V
4	5100.400000	43.8	74.0	30.2	33.1	57.5	3.7	V
5	8946.650000	51.0	74.0	23.0	38.2	59.2	5.3	V
6	17889.500000	56.7	74.0	17.3	41.7	57.7	7.0	V
Avg								
1	1122.400000	23.1	54.0	30.9	25.5	60.7	2.2	V
2	1790.500000	23.1	54.0	30.9	25.1	61.3	2.6	V
3	3040.000000	29.0	54.0	25.0	29.5	58.8	3.0	V
4	5100.400000	33.9	54.0	20.1	33.1	57.5	3.7	V
5	8946.650000	42.1	54.0	11.9	38.2	59.2	5.3	V
6	17889.500000	47.3	54.0	6.7	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 3		

802.11a_5580MHz



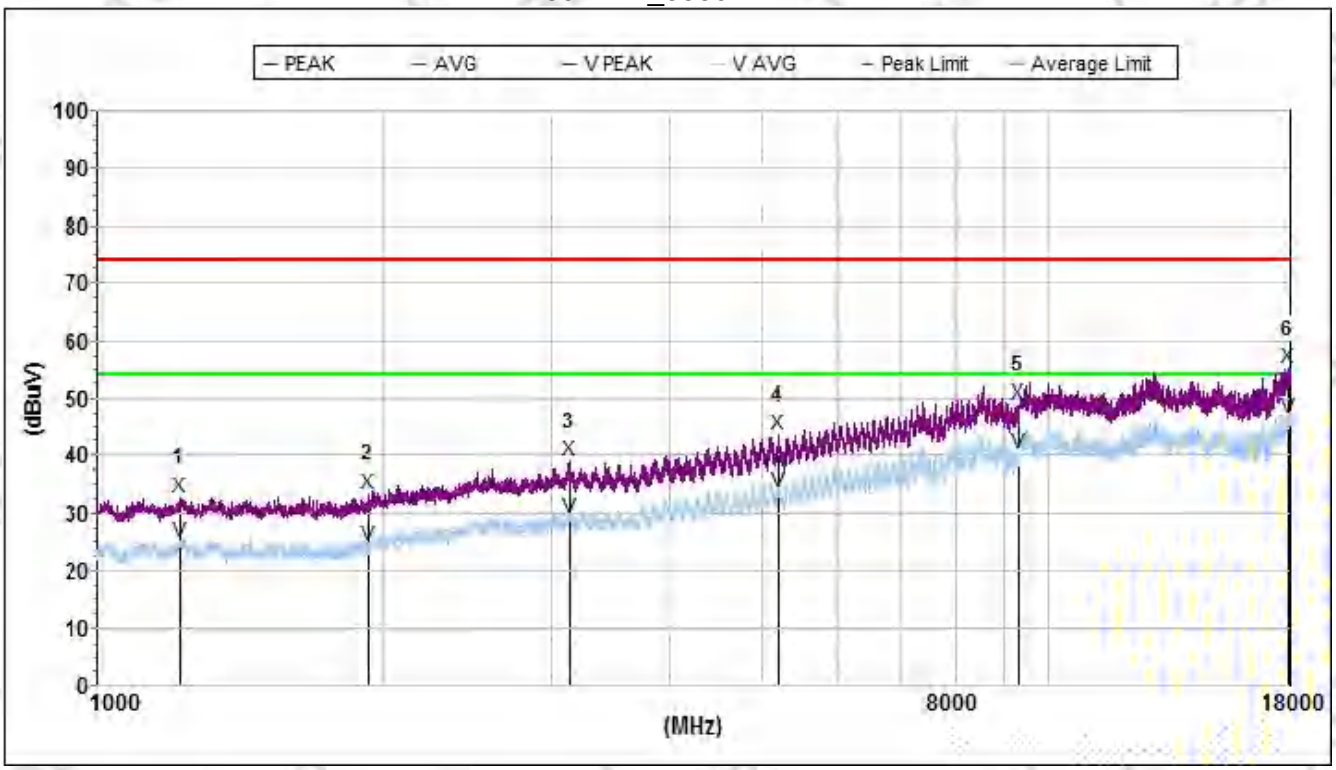
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1219.300000	32.6	74.0	41.4	25.7	60.9	2.3	H
2	2144.950000	35.7	74.0	38.3	27.2	60.7	2.7	H
3	4370.250000	42.9	74.0	31.1	31.5	58.1	3.5	H
4	6870.950000	46.8	74.0	27.2	35.8	58.6	4.3	H
5	11457.550000	50.0	74.0	24.0	39.1	61.1	5.8	H
6	17810.450000	55.7	74.0	18.3	41.2	57.8	7.0	H
Avg								
1	1219.300000	25.0	54.0	29.0	25.7	60.9	2.3	H
2	2144.950000	25.0	54.0	29.0	27.2	60.7	2.7	H
3	4370.250000	32.0	54.0	22.0	31.5	58.1	3.5	H
4	6870.950000	38.0	54.0	16.0	35.8	58.6	4.3	H
5	11457.550000	41.0	54.0	13.0	39.1	61.1	5.8	H
6	17810.450000	46.6	54.0	7.4	41.2	57.8	7.0	H

S

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 3		

802.11a_5580MHz

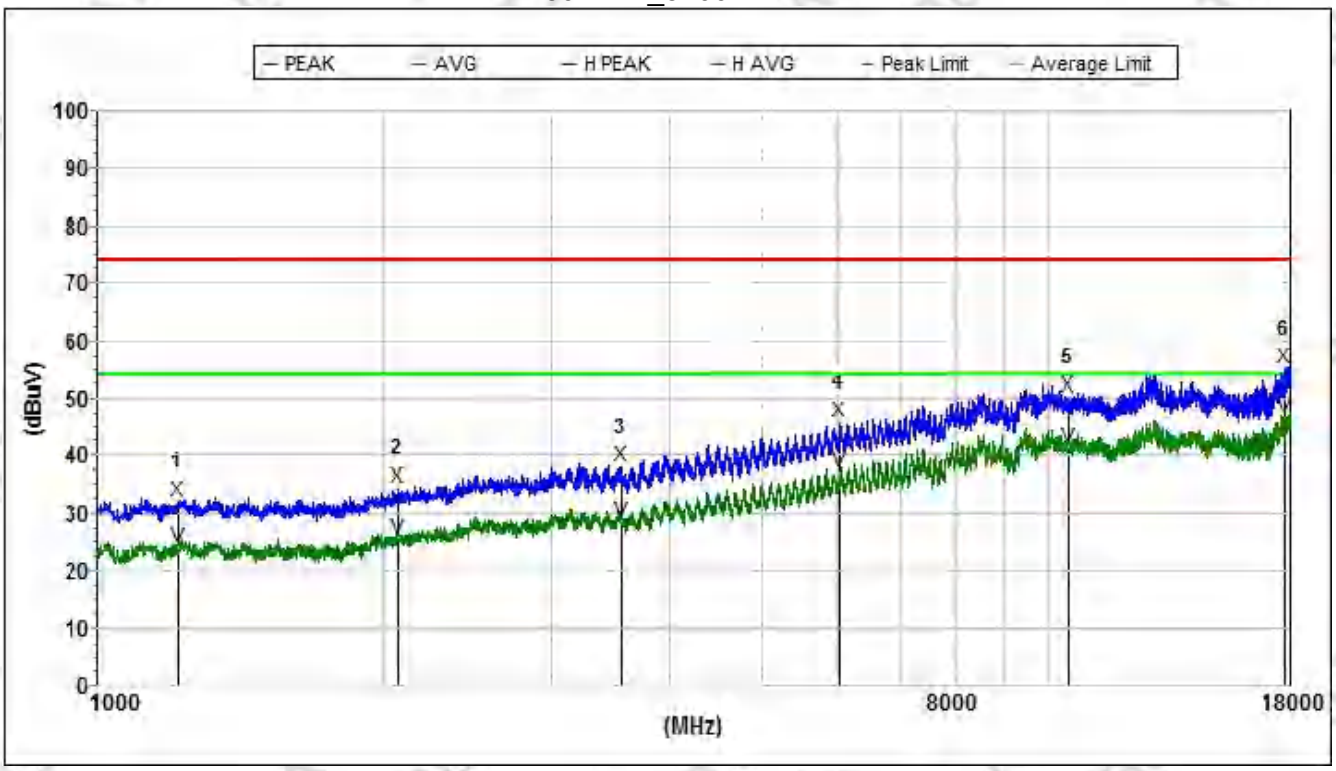


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1219.300000	32.9	74.0	41.1	25.7	60.9	2.3	V
2	1933.300000	33.5	74.0	40.5	25.9	60.9	2.6	V
3	3130.950000	39.2	74.0	34.8	29.7	58.6	3.0	V
4	5203.250000	43.7	74.0	30.3	32.9	57.6	3.8	V
5	9340.200000	49.1	74.0	24.9	38.5	59.3	5.4	V
6	17895.450000	55.1	74.0	18.9	41.7	57.7	7.0	V
Avg								
1	1219.300000	25.1	54.0	28.9	25.7	60.9	2.3	V
2	1933.300000	24.3	54.0	29.7	25.9	60.9	2.6	V
3	3130.950000	29.3	54.0	24.7	29.7	58.6	3.0	V
4	5203.250000	34.0	54.0	20.0	32.9	57.6	3.8	V
5	9340.200000	40.4	54.0	13.6	38.5	59.3	5.4	V
6	17895.450000	46.8	54.0	7.2	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 3		

802.11a_5700MHz

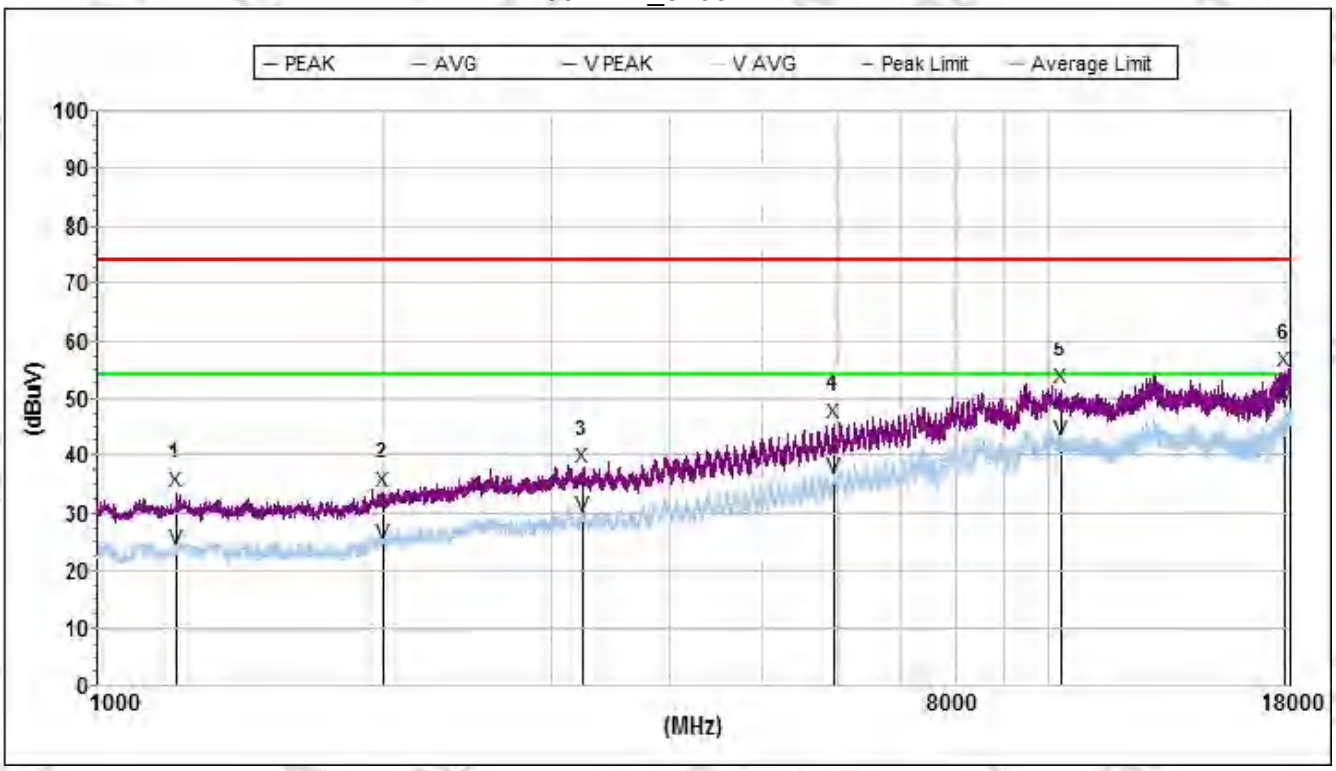


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1215.900000	32.4	74.0	41.6	25.7	60.8	2.3	H
2	2069.300000	34.5	74.0	39.5	27.0	60.9	2.7	H
3	3560.200000	38.2	74.0	35.8	29.6	59.0	3.1	H
4	6036.250000	46.1	74.0	27.9	34.0	58.0	4.1	H
5	10526.800000	50.4	74.0	23.6	38.9	61.2	5.6	H
6	17801.950000	55.3	74.0	18.7	41.1	57.8	7.0	H
Avg								
1	1215.900000	23.9	54.0	30.1	25.7	60.8	2.3	H
2	2069.300000	25.7	54.0	28.3	27.0	60.9	2.7	H
3	3560.200000	28.6	54.0	25.4	29.6	59.0	3.1	H
4	6036.250000	37.1	54.0	16.9	34.0	58.0	4.1	H
5	10526.800000	41.5	54.0	12.5	38.9	61.2	5.6	H
6	17801.950000	46.7	54.0	7.3	41.1	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 3		

802.11a_5700MHz

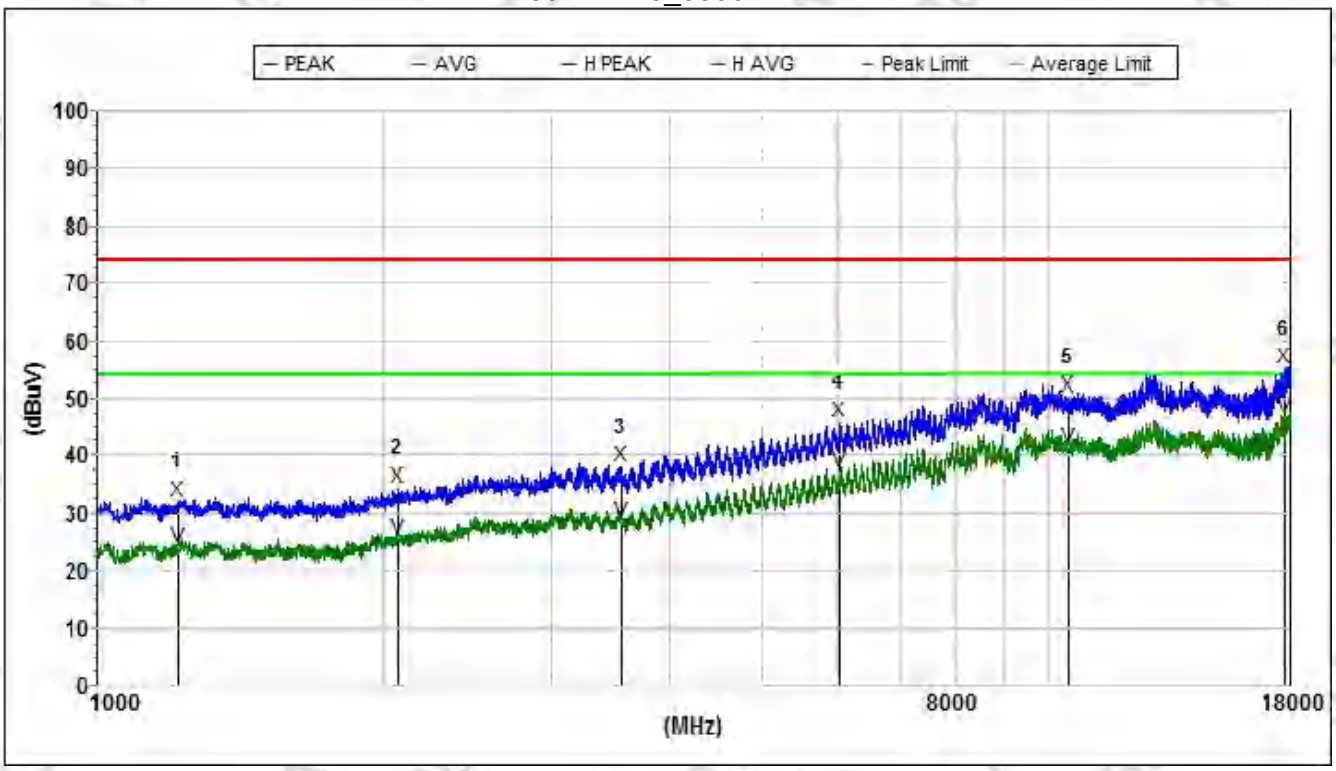


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1210.800000	33.8	74.0	40.2	25.7	60.9	2.3	V
2	1995.350000	33.8	74.0	40.2	26.4	60.9	2.7	V
3	3238.900000	37.9	74.0	36.1	29.7	58.4	3.0	V
4	5942.750000	45.7	74.0	28.3	34.0	58.0	4.1	V
5	10301.550000	51.8	74.0	22.2	38.8	60.8	5.5	V
6	17801.950000	54.5	74.0	19.5	41.1	57.8	7.0	V
Avg								
1	1210.800000	23.6	54.0	30.4	25.7	60.9	2.3	V
2	1995.350000	24.7	54.0	29.3	26.4	60.9	2.7	V
3	3238.900000	29.5	54.0	24.5	29.7	58.4	3.0	V
4	5942.750000	36.3	54.0	17.7	34.0	58.0	4.1	V
5	10301.550000	42.8	54.0	11.2	38.8	60.8	5.5	V
6	17801.950000	48.3	54.0	5.7	41.1	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 7		

802.11n20_5500MHz

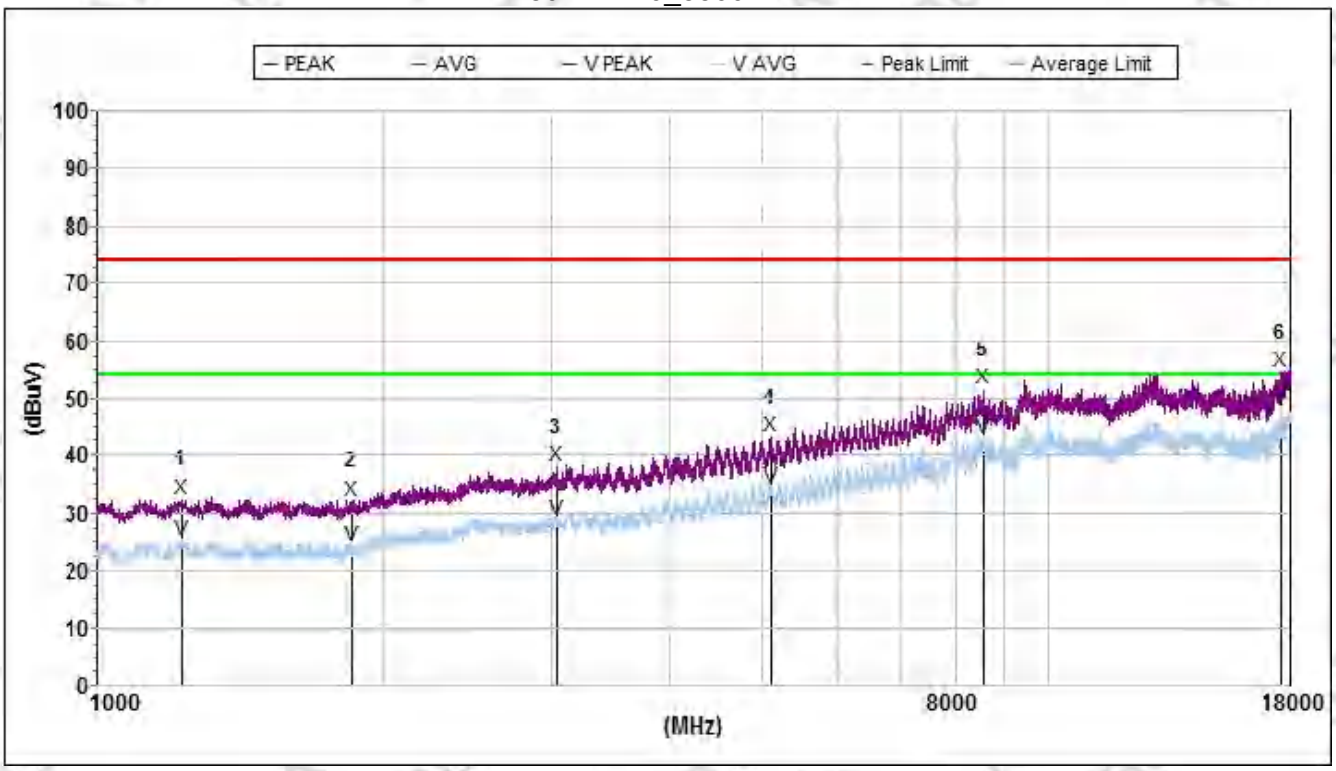


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1218.450000	32.7	74.0	41.3	25.7	60.9	2.3	H
2	1849.150000	31.9	74.0	42.1	25.4	61.1	2.6	H
3	4273.350000	41.0	74.0	33.0	31.2	58.2	3.4	H
4	6256.400000	46.7	74.0	27.3	34.2	58.0	4.2	H
5	10310.900000	51.7	74.0	22.3	38.8	60.8	5.5	H
6	17797.700000	56.2	74.0	17.8	41.1	57.8	7.0	H
Avg								
1	1218.450000	24.3	54.0	29.7	25.7	60.9	2.3	H
2	1849.150000	24.0	54.0	30.0	25.4	61.1	2.6	H
3	4273.350000	32.2	54.0	21.8	31.2	58.2	3.4	H
4	6256.400000	36.4	54.0	17.6	34.2	58.0	4.2	H
5	10310.900000	42.9	54.0	11.1	38.8	60.8	5.5	H
6	17797.700000	46.3	54.0	7.7	41.1	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 7		

802.11n20_5500MHz

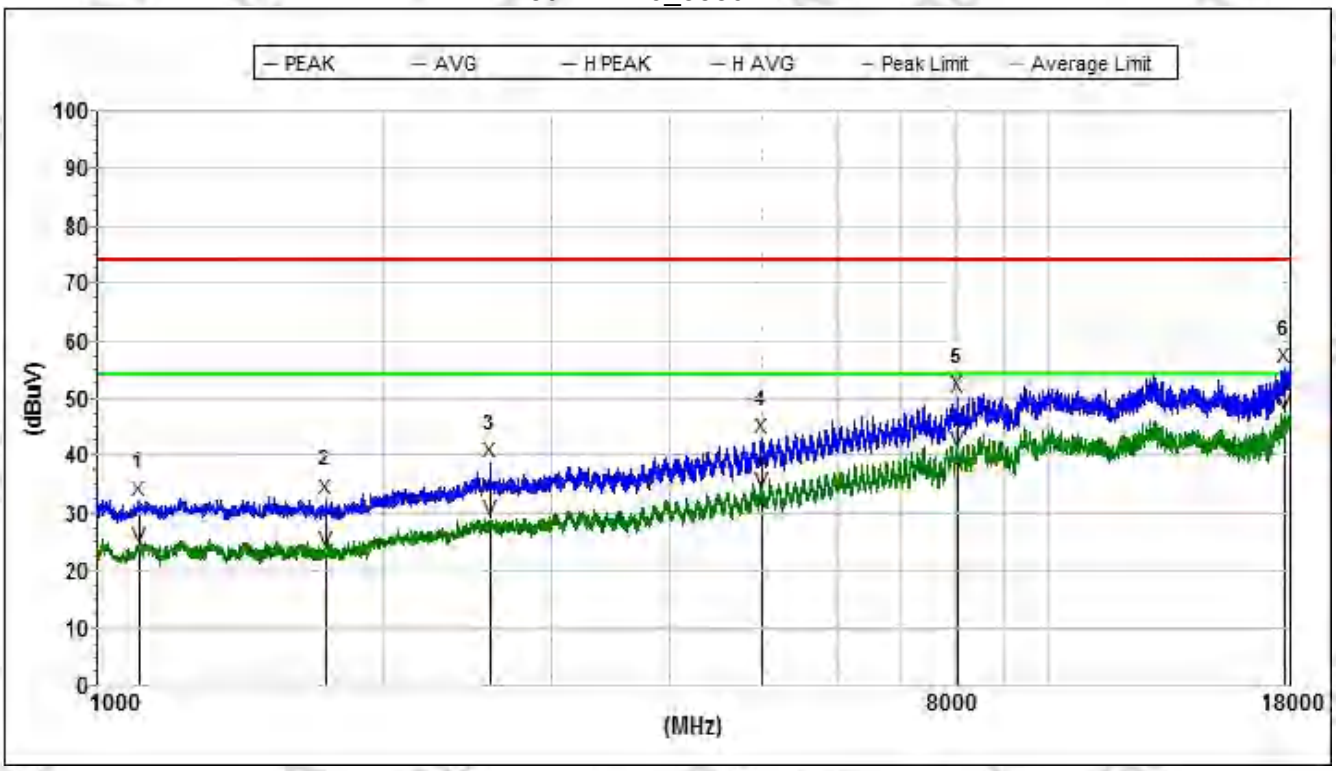


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1226.950000	32.6	74.0	41.4	25.8	60.9	2.3	V
2	1853.400000	32.2	74.0	41.8	25.4	61.1	2.6	V
3	3037.450000	38.1	74.0	35.9	29.5	58.8	3.0	V
4	5114.000000	43.3	74.0	30.7	33.1	57.5	3.7	V
5	8527.600000	51.8	74.0	22.2	37.7	56.0	5.1	V
6	17590.300000	54.7	74.0	19.3	39.8	58.0	6.9	V
Avg								
1	1226.950000	25.2	54.0	28.8	25.8	60.9	2.3	V
2	1853.400000	24.2	54.0	29.8	25.4	61.1	2.6	V
3	3037.450000	28.9	54.0	25.1	29.5	58.8	3.0	V
4	5114.000000	34.5	54.0	19.5	33.1	57.5	3.7	V
5	8527.600000	43.2	54.0	10.8	37.7	56.0	5.1	V
6	17590.300000	48.7	54.0	5.3	39.8	58.0	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 7		

802.11n20_5580MHz

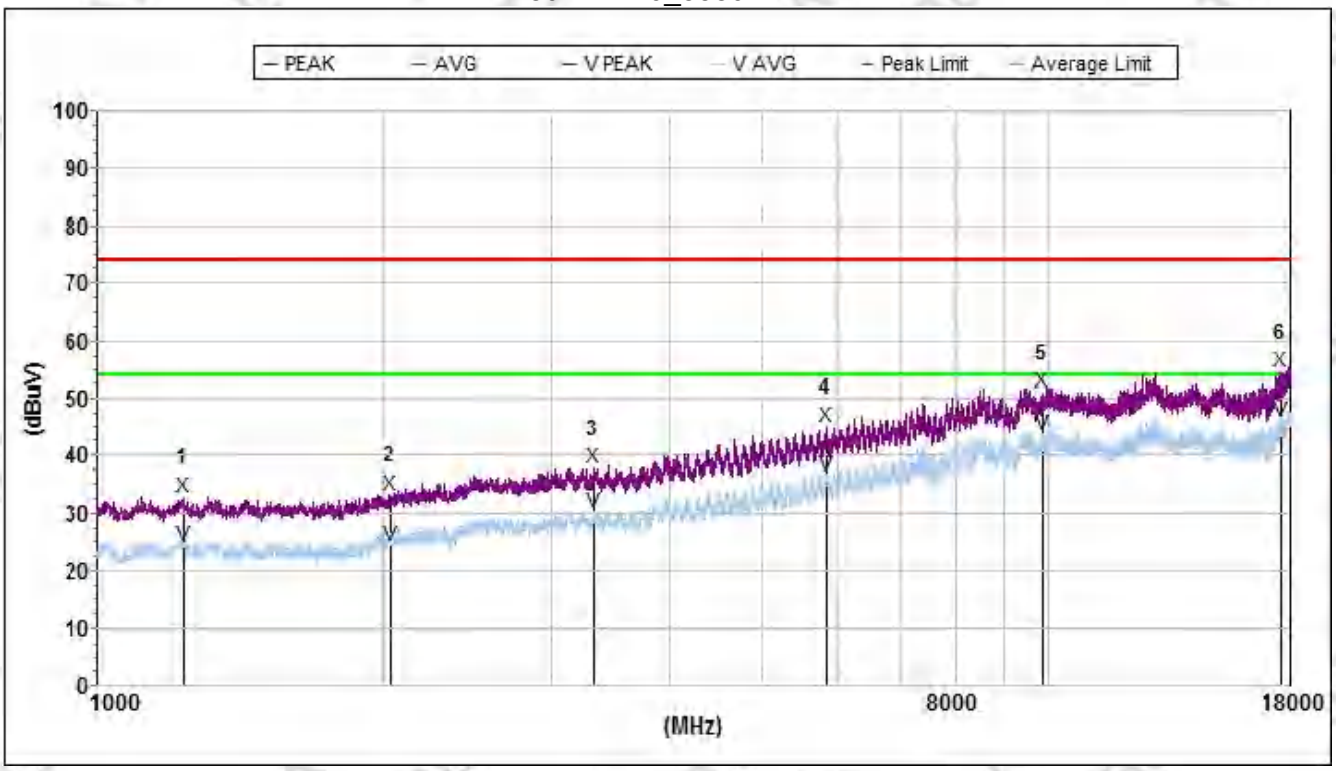


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1107.950000	32.1	74.0	41.9	25.5	60.7	2.2	H
2	1736.100000	32.5	74.0	41.5	25.1	61.2	2.6	H
3	2589.500000	38.7	74.0	35.3	28.0	59.0	2.9	H
4	5003.500000	43.0	74.0	31.0	33.0	57.4	3.6	H
5	8021.850000	50.3	74.0	23.7	37.2	57.1	4.9	H
6	17800.250000	55.2	74.0	18.8	41.1	57.8	7.0	H
Avg								
1	1107.950000	24.1	54.0	29.9	25.5	60.7	2.2	H
2	1736.100000	23.4	54.0	30.6	25.1	61.2	2.6	H
3	2589.500000	29.1	54.0	24.9	28.0	59.0	2.9	H
4	5003.500000	34.0	54.0	20.0	33.0	57.4	3.6	H
5	8021.850000	40.9	54.0	13.1	37.2	57.1	4.9	H
6	17800.250000	47.4	54.0	6.6	41.1	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 7		

802.11n20_5580MHz

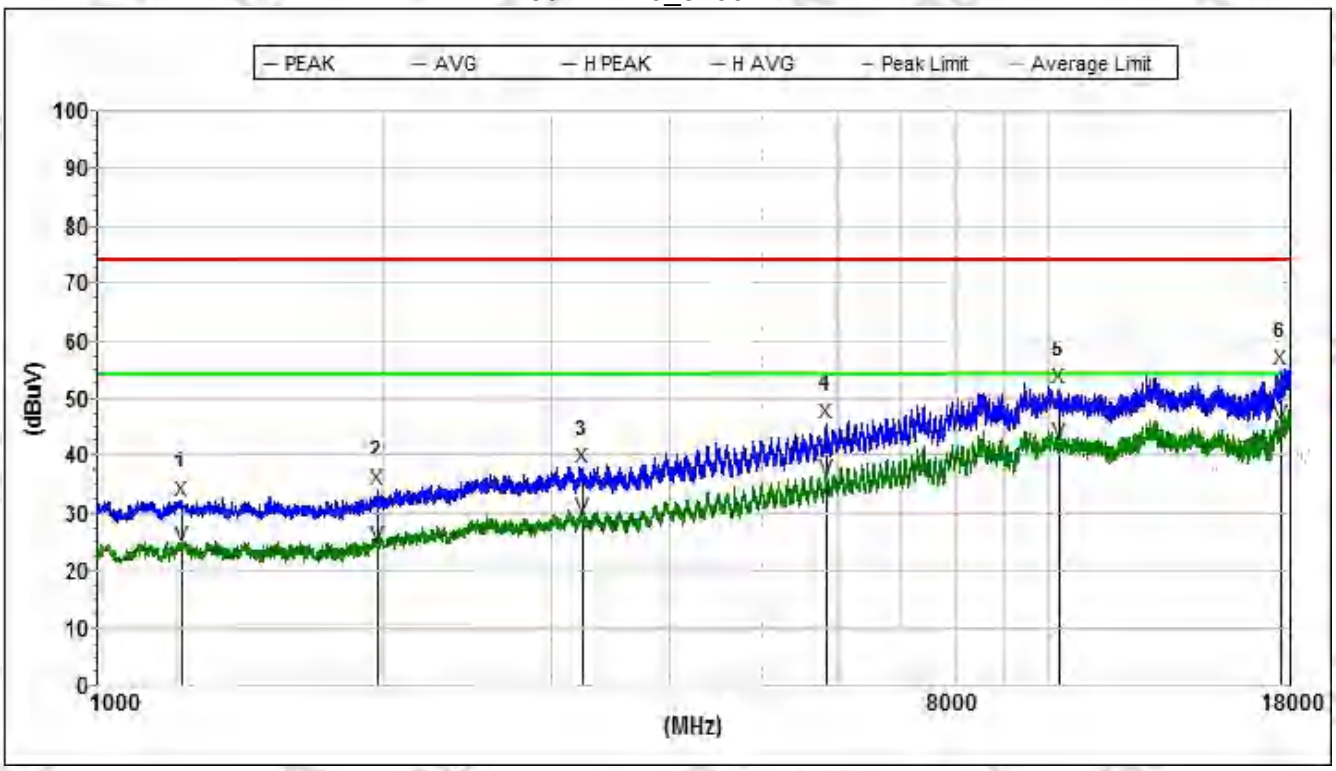


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1228.650000	32.8	74.0	41.2	25.8	60.9	2.3	V
2	2035.300000	33.3	74.0	40.7	26.7	60.9	2.7	V
3	3322.200000	37.9	74.0	36.1	29.6	58.2	3.1	V
4	5837.350000	45.1	74.0	28.9	33.9	58.1	4.1	V
5	9891.000000	51.0	74.0	23.0	38.4	59.7	5.4	V
6	17591.150000	54.6	74.0	19.4	39.8	58.0	7.0	V
Avg								
1	1228.650000	24.4	54.0	29.6	25.8	60.9	2.3	V
2	2035.300000	24.5	54.0	29.5	26.7	60.9	2.7	V
3	3322.200000	30.1	54.0	23.9	29.6	58.2	3.1	V
4	5837.350000	36.6	54.0	17.4	33.9	58.1	4.1	V
5	9891.000000	43.6	54.0	10.4	38.4	59.7	5.4	V
6	17591.150000	46.0	54.0	8.0	39.8	58.0	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 7		

802.11n20_5700MHz

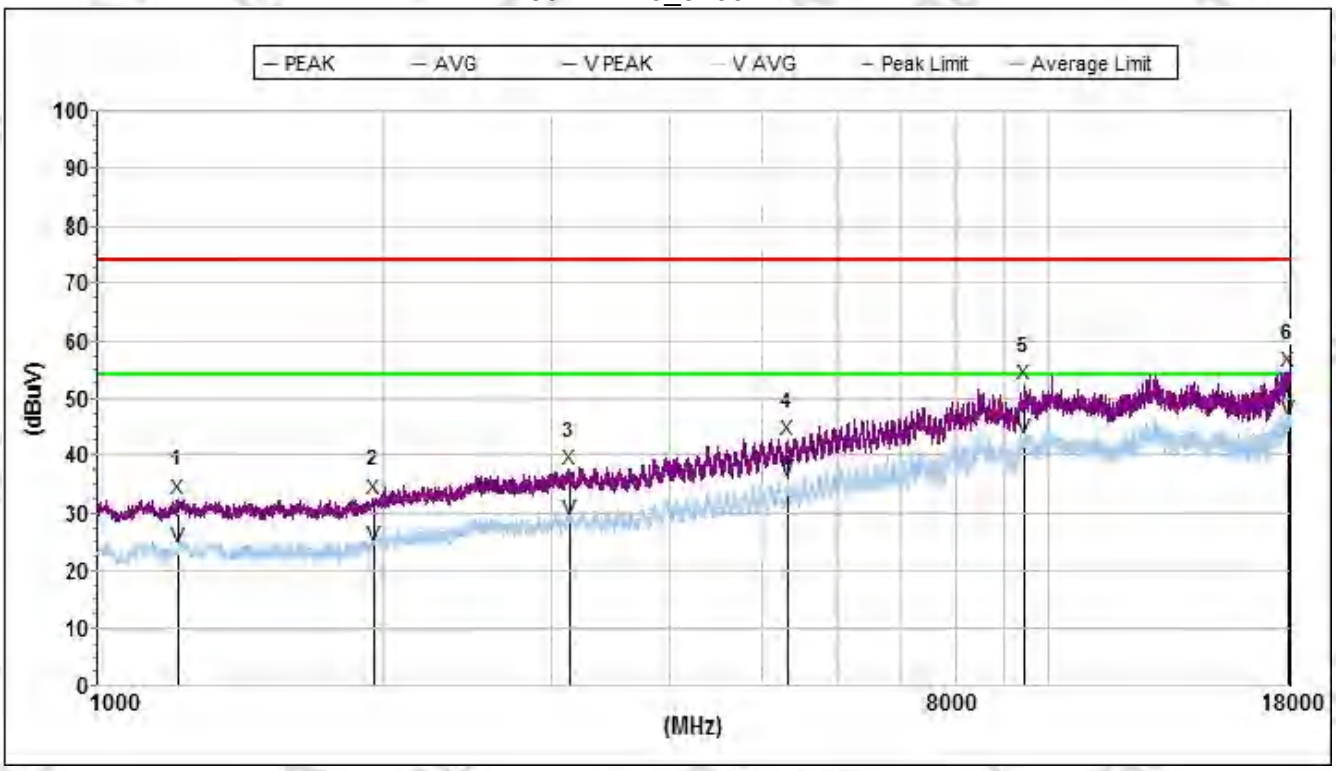


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1222.700000	32.3	74.0	41.7	25.7	60.9	2.3	H
2	1974.950000	34.1	74.0	39.9	26.3	60.9	2.7	H
3	3230.400000	37.8	74.0	36.2	29.7	58.4	3.0	H
4	5830.550000	45.7	74.0	28.3	33.9	58.1	4.1	H
5	10282.000000	51.6	74.0	22.4	38.8	60.7	5.5	H
6	17590.300000	54.8	74.0	19.2	39.8	58.0	6.9	H
Avg								
1	1222.700000	24.4	54.0	29.6	25.7	60.9	2.3	H
2	1974.950000	24.2	54.0	29.8	26.3	60.9	2.7	H
3	3230.400000	29.3	54.0	24.7	29.7	58.4	3.0	H
4	5830.550000	35.8	54.0	18.2	33.9	58.1	4.1	H
5	10282.000000	42.4	54.0	11.6	38.8	60.7	5.5	H
6	17590.300000	45.5	54.0	8.5	39.8	58.0	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 7		

802.11n20_5700MHz

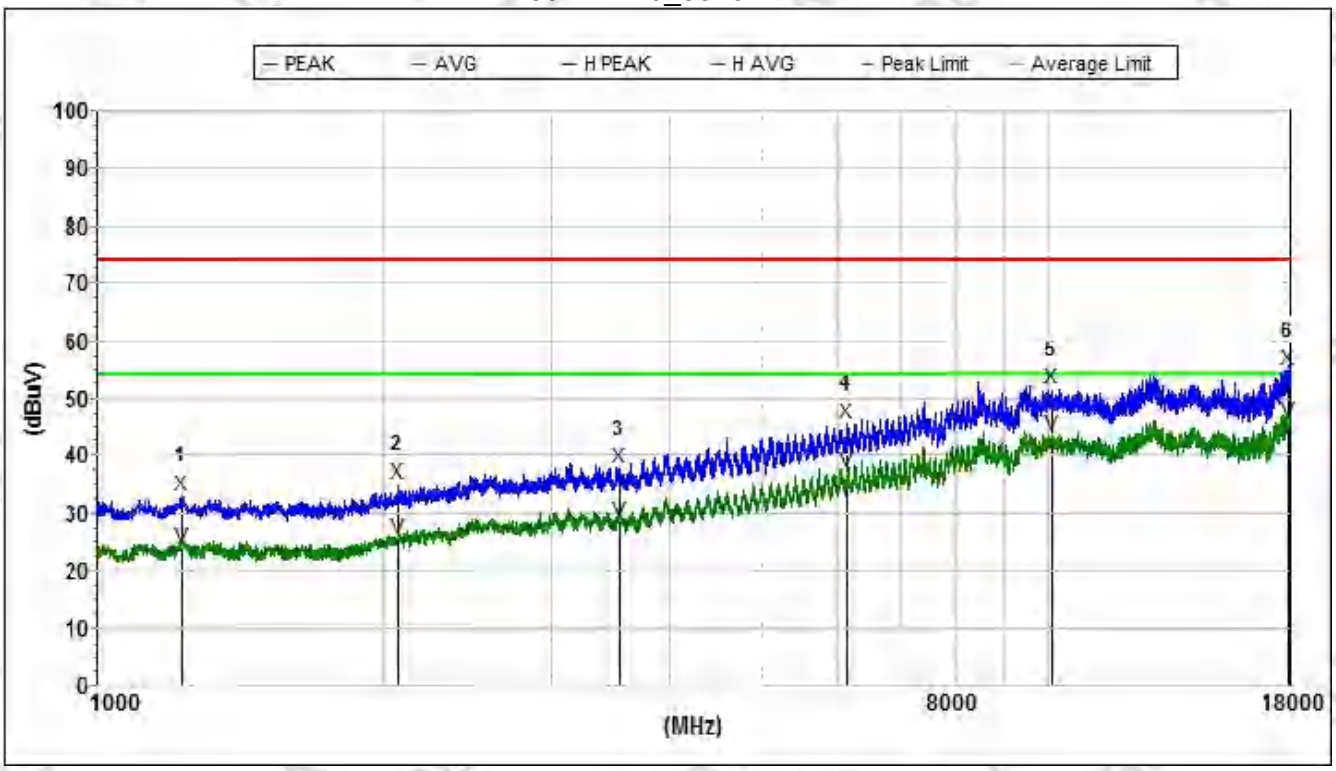


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1211.650000	32.6	74.0	41.4	25.7	60.9	2.3	V
2	1955.400000	32.7	74.0	41.3	26.1	60.9	2.7	V
3	3139.450000	37.6	74.0	36.4	29.7	58.6	3.0	V
4	5315.450000	42.9	74.0	31.1	32.8	57.8	3.9	V
5	9466.850000	52.3	74.0	21.7	38.6	59.7	5.4	V
6	17901.400000	54.7	74.0	19.3	41.7	57.7	7.0	V
Avg								
1	1211.650000	23.9	54.0	30.1	25.7	60.9	2.3	V
2	1955.400000	24.5	54.0	29.5	26.1	60.9	2.7	V
3	3139.450000	29.1	54.0	24.9	29.7	58.6	3.0	V
4	5315.450000	35.7	54.0	18.3	32.8	57.8	3.9	V
5	9466.850000	43.2	54.0	10.8	38.6	59.7	5.4	V
6	17901.400000	46.5	54.0	7.5	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 11		

802.11n40_5510MHz

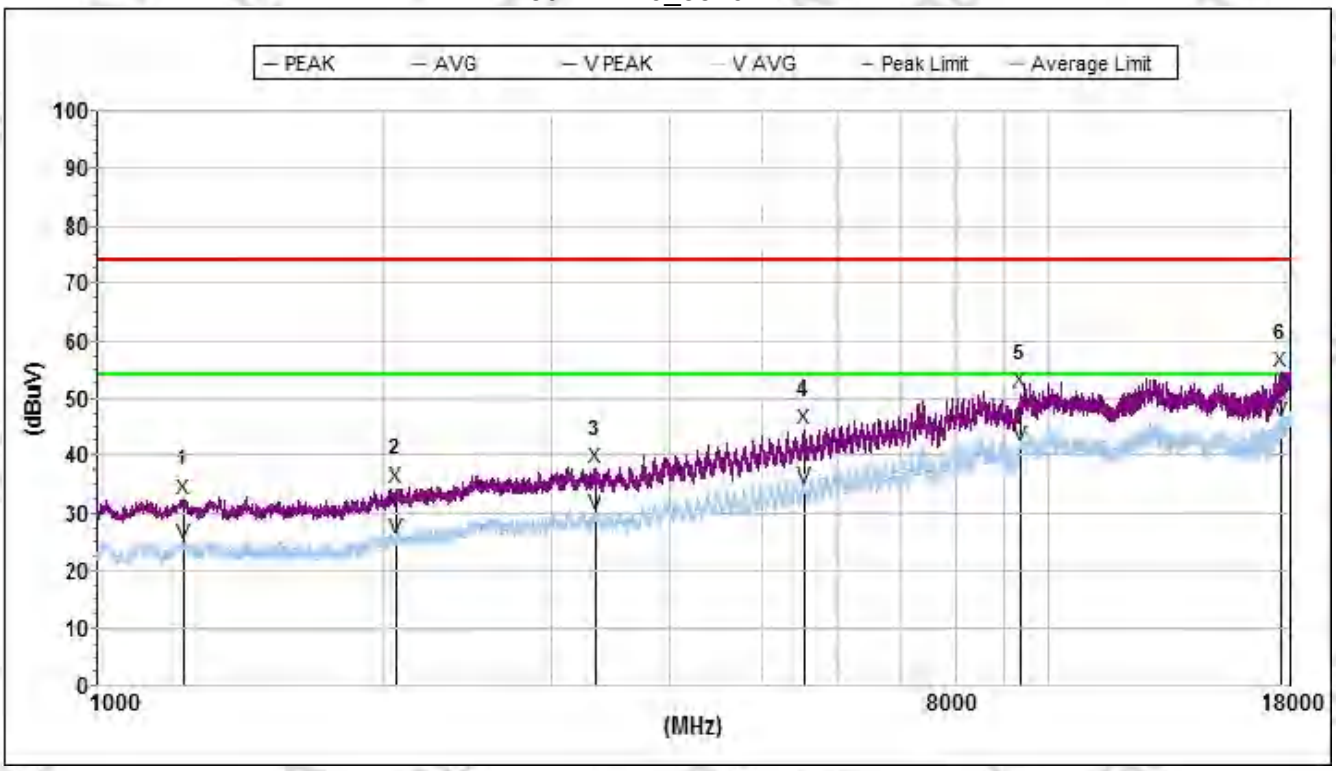


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1222.700000	33.1	74.0	40.9	25.7	60.9	2.3	H
2	2071.850000	35.2	74.0	38.8	27.0	60.9	2.7	H
3	3544.050000	37.9	74.0	36.1	29.5	59.0	3.2	H
4	6145.050000	45.7	74.0	28.3	34.0	58.0	4.1	H
5	10099.250000	51.6	74.0	22.4	38.6	60.4	5.4	H
6	17885.250000	55.0	74.0	19.0	41.6	57.7	7.0	H
Avg								
1	1222.700000	23.9	54.0	30.1	25.7	60.9	2.3	H
2	2071.850000	25.8	54.0	28.2	27.0	60.9	2.7	H
3	3544.050000	28.7	54.0	25.3	29.5	59.0	3.2	H
4	6145.050000	37.3	54.0	16.7	34.0	58.0	4.1	H
5	10099.250000	43.6	54.0	10.4	38.6	60.4	5.4	H
6	17885.250000	46.1	54.0	7.9	41.6	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 11		

802.11n40_5510MHz

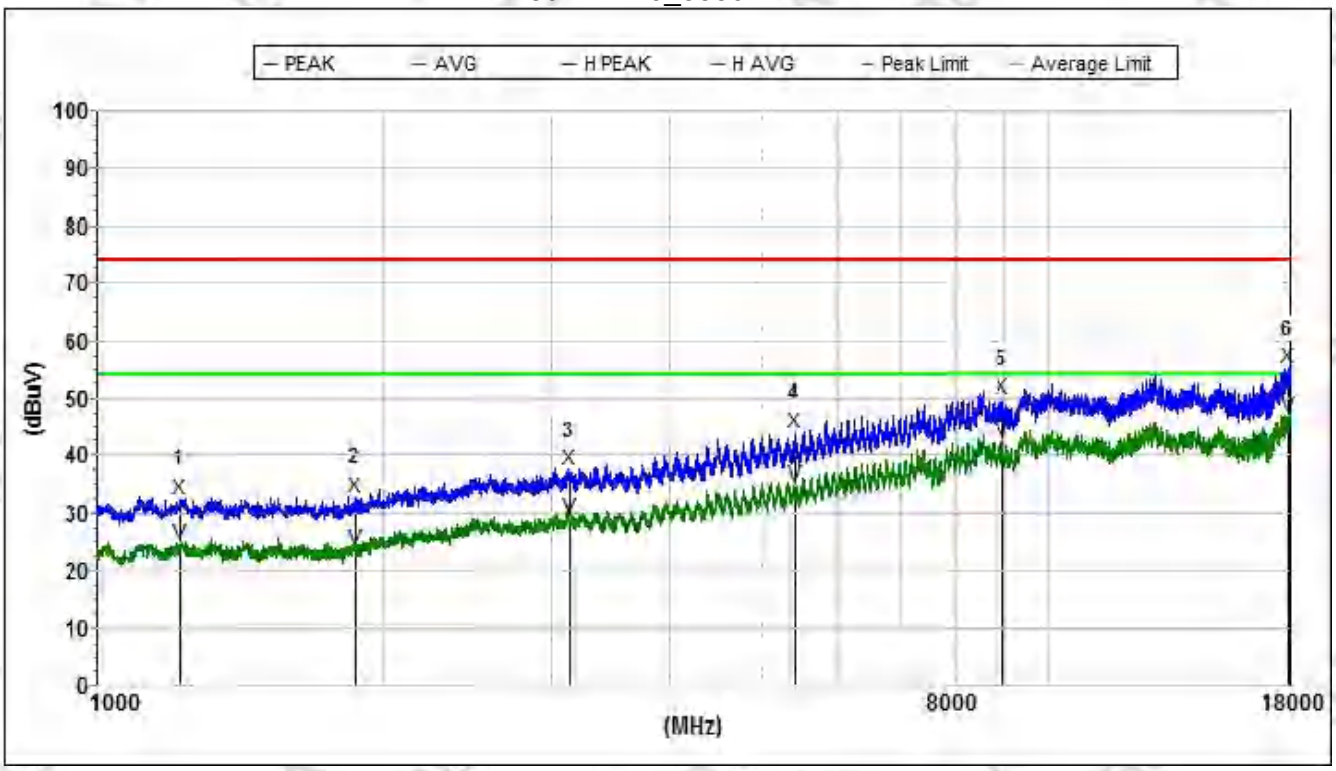


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1231.200000	32.6	74.0	41.4	25.8	60.9	2.3	V
2	2059.100000	34.5	74.0	39.5	26.9	60.9	2.7	V
3	3329.000000	37.9	74.0	36.1	29.6	58.2	3.1	V
4	5531.350000	44.9	74.0	29.1	32.8	58.1	4.0	V
5	9357.200000	51.0	74.0	23.0	38.6	59.3	5.4	V
6	17583.500000	54.6	74.0	19.4	39.8	58.1	6.9	V
Avg								
1	1231.200000	24.6	54.0	29.4	25.8	60.9	2.3	V
2	2059.100000	25.6	54.0	28.4	26.9	60.9	2.7	V
3	3329.000000	30.0	54.0	24.0	29.6	58.2	3.1	V
4	5531.350000	34.6	54.0	19.4	32.8	58.1	4.0	V
5	9357.200000	41.9	54.0	12.1	38.6	59.3	5.4	V
6	17583.500000	46.1	54.0	7.9	39.8	58.1	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 11		

802.11n40_5550MHz

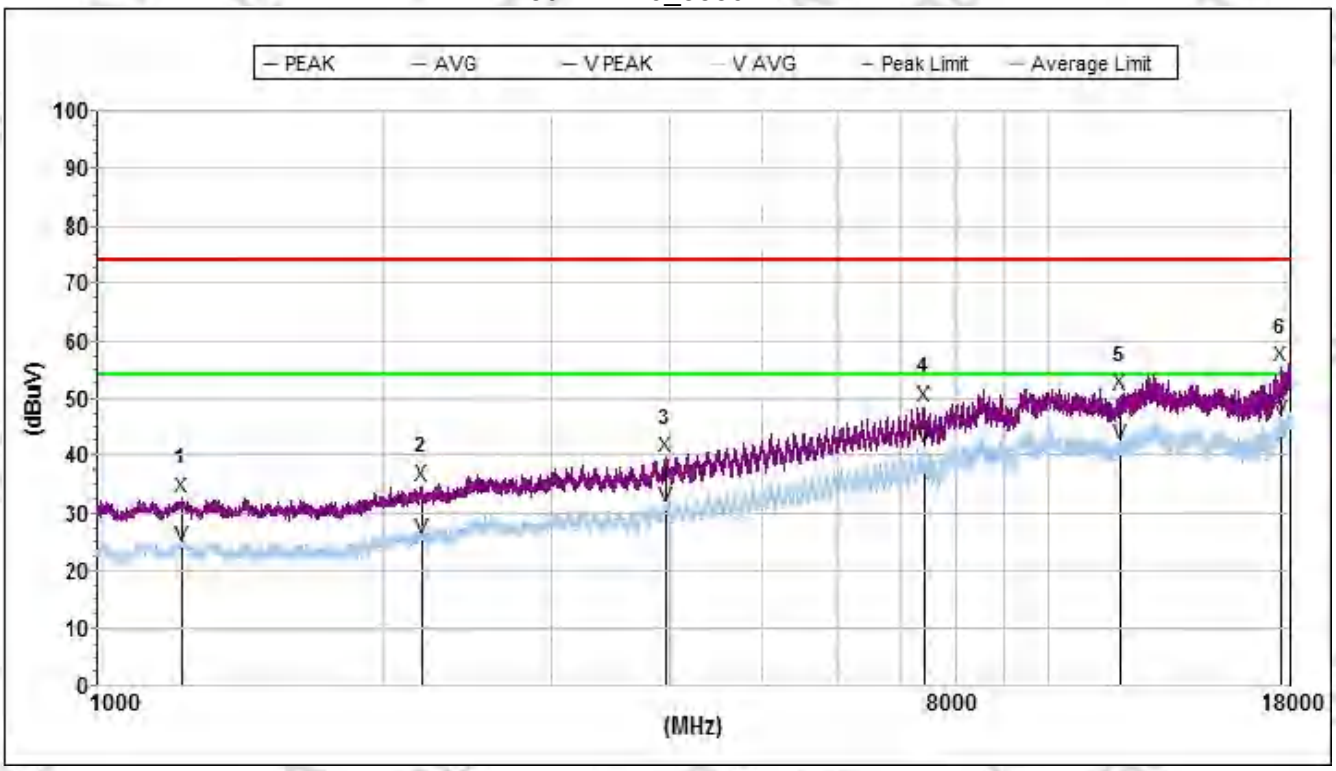


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1220.713656	32.5	74.0	41.5	25.7	60.9	2.3	H
2	1871.250000	32.8	74.0	41.2	25.5	61.1	2.6	H
3	3138.600000	37.6	74.0	36.4	29.7	58.6	3.0	H
4	5420.000000	44.0	74.0	30.0	32.7	58.0	3.9	H
5	8946.650000	50.0	74.0	24.0	38.2	59.2	5.3	H
6	17895.450000	55.3	74.0	18.7	41.7	57.7	7.0	H
Avg								
1	1220.713656	24.6	54.0	29.4	25.7	60.9	2.3	H
2	1871.250000	23.8	54.0	30.2	25.5	61.1	2.6	H
3	3138.600000	29.3	54.0	24.7	29.7	58.6	3.0	H
4	5420.000000	34.9	54.0	19.1	32.7	58.0	3.9	H
5	8946.650000	42.6	54.0	11.4	38.2	59.2	5.3	H
6	17895.450000	47.2	54.0	6.8	41.7	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 11		

802.11n40_5550MHz

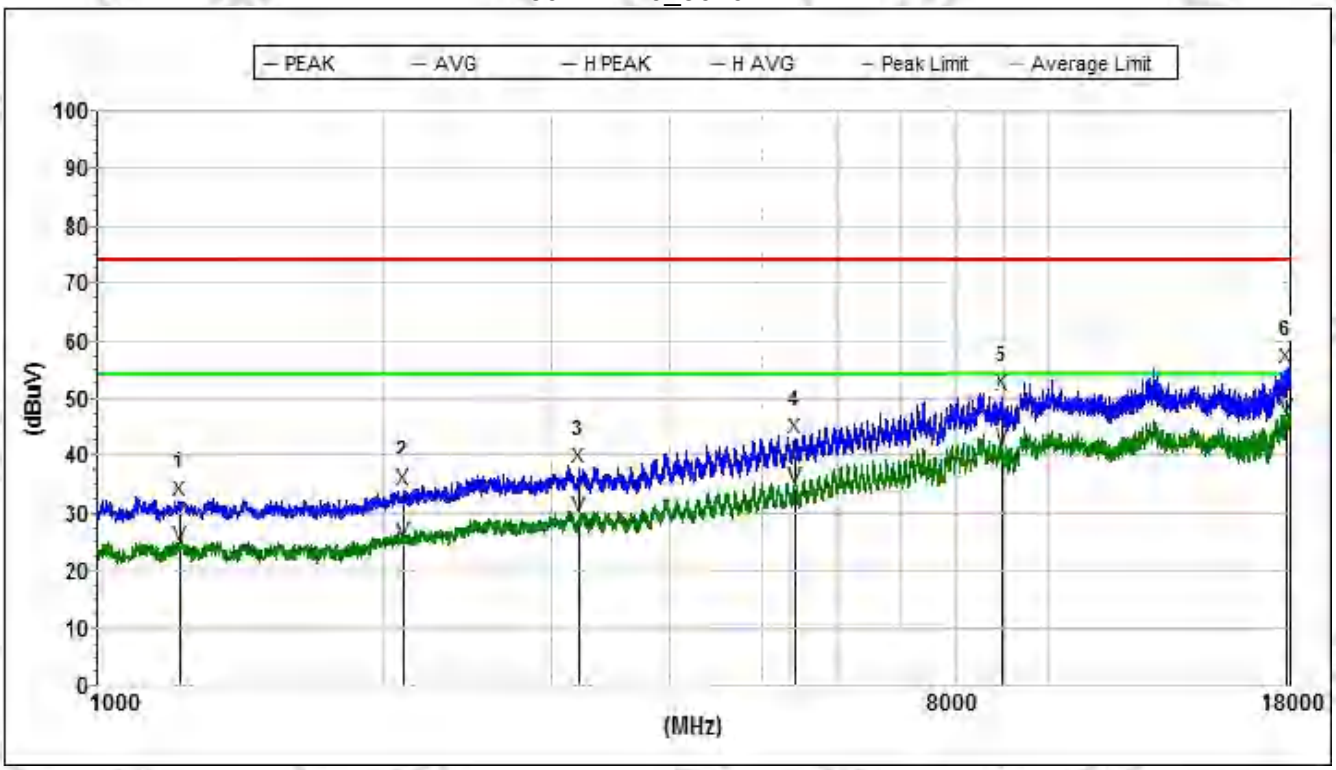


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1226.100000	33.0	74.0	41.0	25.8	60.9	2.3	V
2	2197.650000	35.0	74.0	39.0	27.2	60.5	2.7	V
3	3955.450000	39.8	74.0	34.2	30.8	58.5	3.2	V
4	7398.800000	48.7	74.0	25.3	36.5	57.5	4.6	V
5	11886.800000	50.6	74.0	23.4	39.0	59.9	5.9	V
6	17586.050000	55.7	74.0	18.3	39.8	58.0	7.0	V
Avg								
1	1226.100000	24.2	54.0	29.8	25.8	60.9	2.3	V
2	2197.650000	25.6	54.0	28.4	27.2	60.5	2.7	V
3	3955.450000	31.3	54.0	22.7	30.8	58.5	3.2	V
4	7398.800000	41.5	54.0	12.5	36.5	57.5	4.6	V
5	11886.800000	42.1	54.0	11.9	39.0	59.9	5.9	V
6	17586.050000	46.3	54.0	7.7	39.8	58.0	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 11		

802.11n40_5670MHz

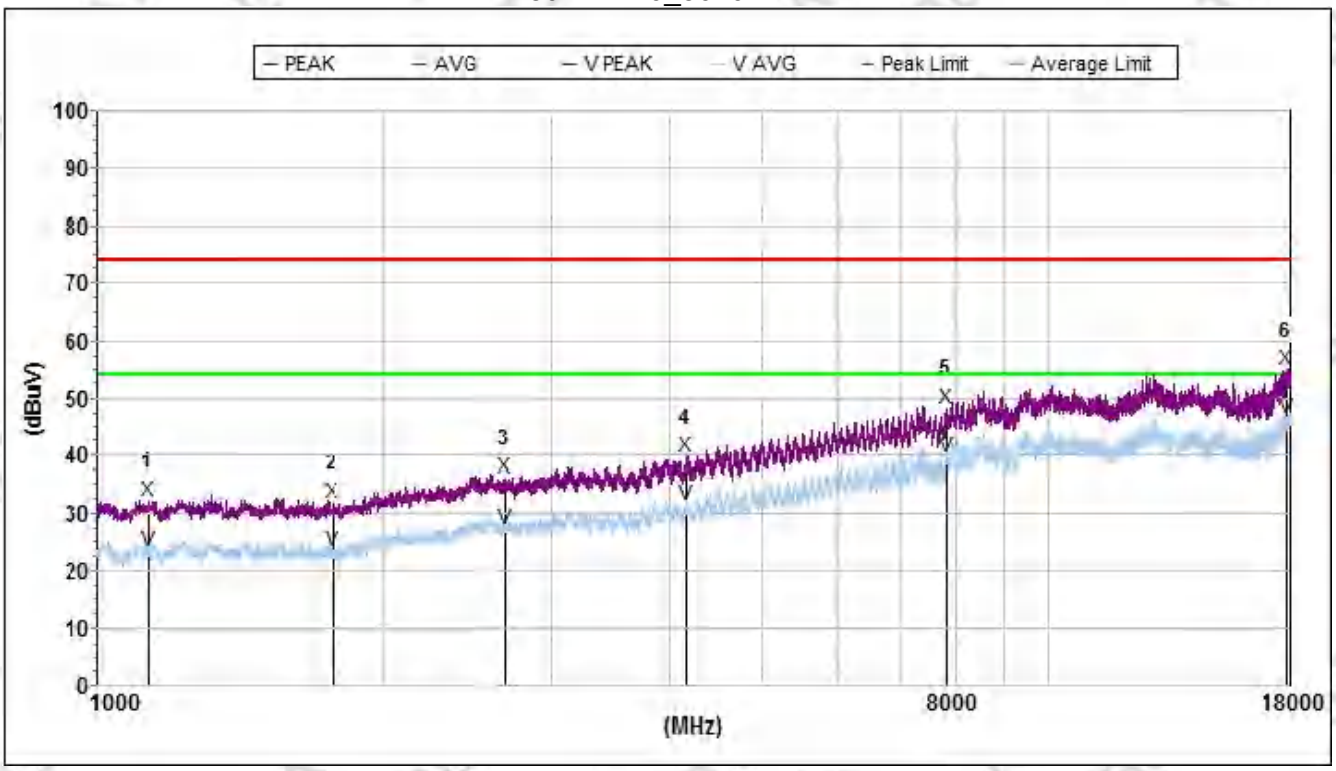


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1219.831895	32.4	74.0	41.6	25.7	60.9	2.3	H
2	2097.350000	34.3	74.0	39.7	27.1	60.9	2.7	H
3	3212.550000	37.8	74.0	36.2	29.7	58.5	3.0	H
4	5414.050000	43.2	74.0	30.8	32.7	58.0	3.9	H
5	8963.650000	50.6	74.0	23.4	38.2	59.2	5.3	H
6	17810.450000	55.1	74.0	18.9	41.2	57.8	7.0	H
Avg								
1	1219.831895	24.2	54.0	29.8	25.7	60.9	2.3	H
2	2097.350000	25.0	54.0	29.0	27.1	60.9	2.7	H
3	3212.550000	29.6	54.0	24.4	29.7	58.5	3.0	H
4	5414.050000	34.7	54.0	19.3	32.7	58.0	3.9	H
5	8963.650000	41.3	54.0	12.7	38.2	59.2	5.3	H
6	17810.450000	46.8	54.0	7.2	41.2	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 11		

802.11n40_5670MHz

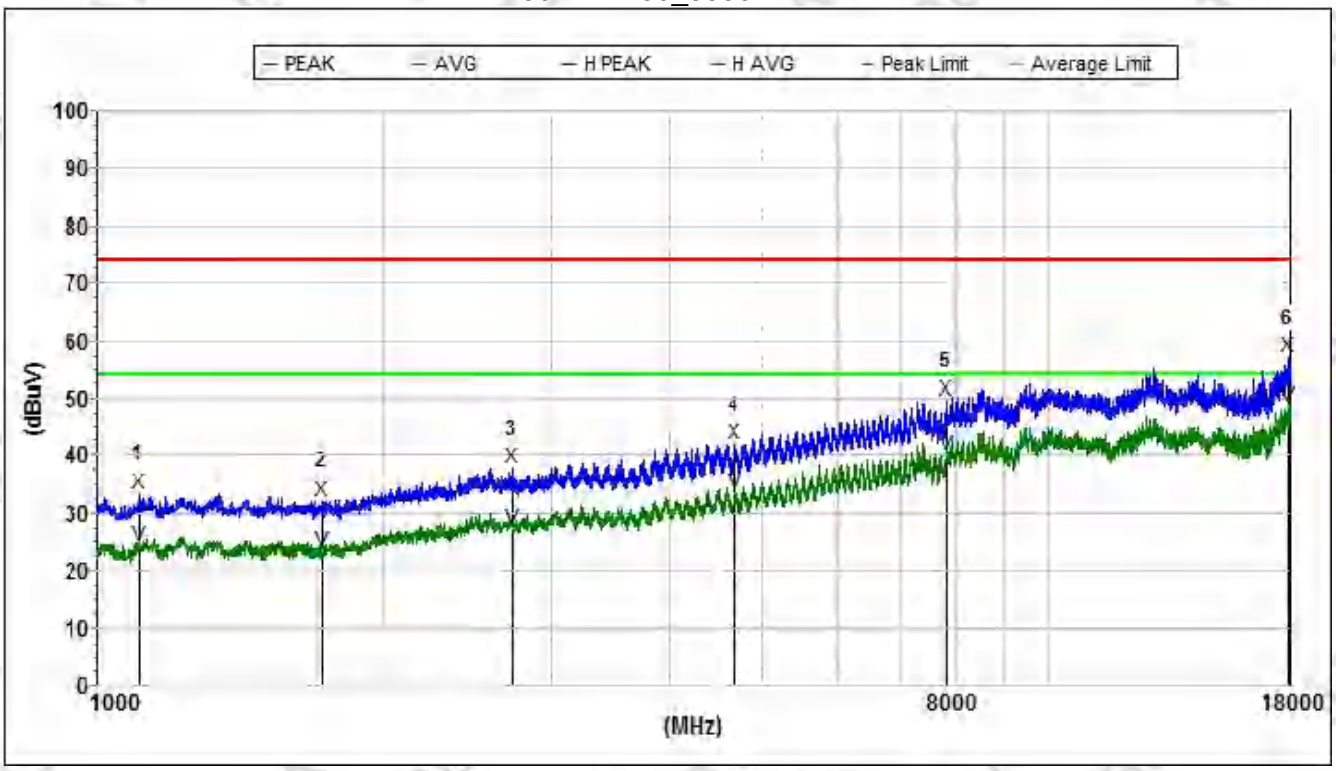


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1130.050000	32.1	74.0	41.9	25.6	60.7	2.2	V
2	1765.850000	32.0	74.0	42.0	25.1	61.3	2.6	V
3	2685.550000	36.1	74.0	37.9	28.2	59.3	2.9	V
4	4165.400000	39.8	74.0	34.2	30.9	58.2	3.4	V
5	7810.200000	48.3	74.0	25.7	36.8	57.5	4.8	V
6	17811.300000	54.9	74.0	19.1	41.2	57.8	7.0	V
Avg								
1	1130.050000	23.2	54.0	30.8	25.6	60.7	2.2	V
2	1765.850000	23.4	54.0	30.6	25.1	61.3	2.6	V
3	2685.550000	27.2	54.0	26.8	28.2	59.3	2.9	V
4	4165.400000	31.6	54.0	22.4	30.9	58.2	3.4	V
5	7810.200000	39.7	54.0	14.3	36.8	57.5	4.8	V
6	17811.300000	46.7	54.0	7.3	41.2	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 23		

802.11ac80_5530MHz

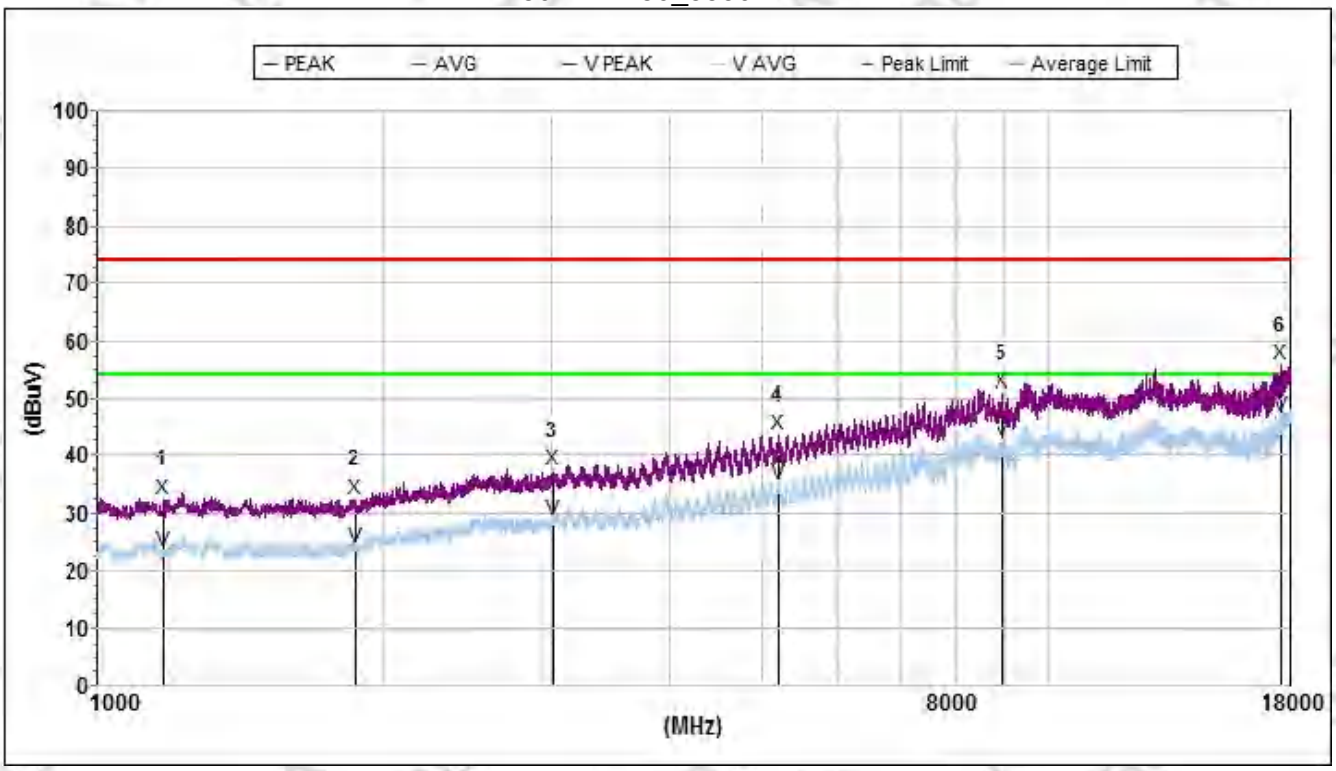


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1105.400000	33.7	74.0	40.3	25.5	60.7	2.2	H
2	1719.100000	32.2	74.0	41.8	25.1	61.2	2.6	H
3	2732.300000	37.7	74.0	36.3	28.3	59.4	2.9	H
4	4694.100000	42.1	74.0	31.9	31.9	57.8	3.6	H
5	7813.600000	49.8	74.0	24.2	36.9	57.5	4.8	H
6	17893.750000	57.2	74.0	16.8	41.7	57.7	7.0	H
Avg								
1	1105.400000	24.4	54.0	29.6	25.5	60.7	2.2	H
2	1719.100000	23.3	54.0	30.7	25.1	61.2	2.6	H
3	2732.300000	27.3	54.0	26.7	28.3	59.4	2.9	H
4	4694.100000	33.7	54.0	20.3	31.9	57.8	3.6	H
5	7813.600000	40.2	54.0	13.8	36.9	57.5	4.8	H
6	17893.750000	48.6	54.0	5.4	41.7	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 23		

802.11ac80_5530MHz

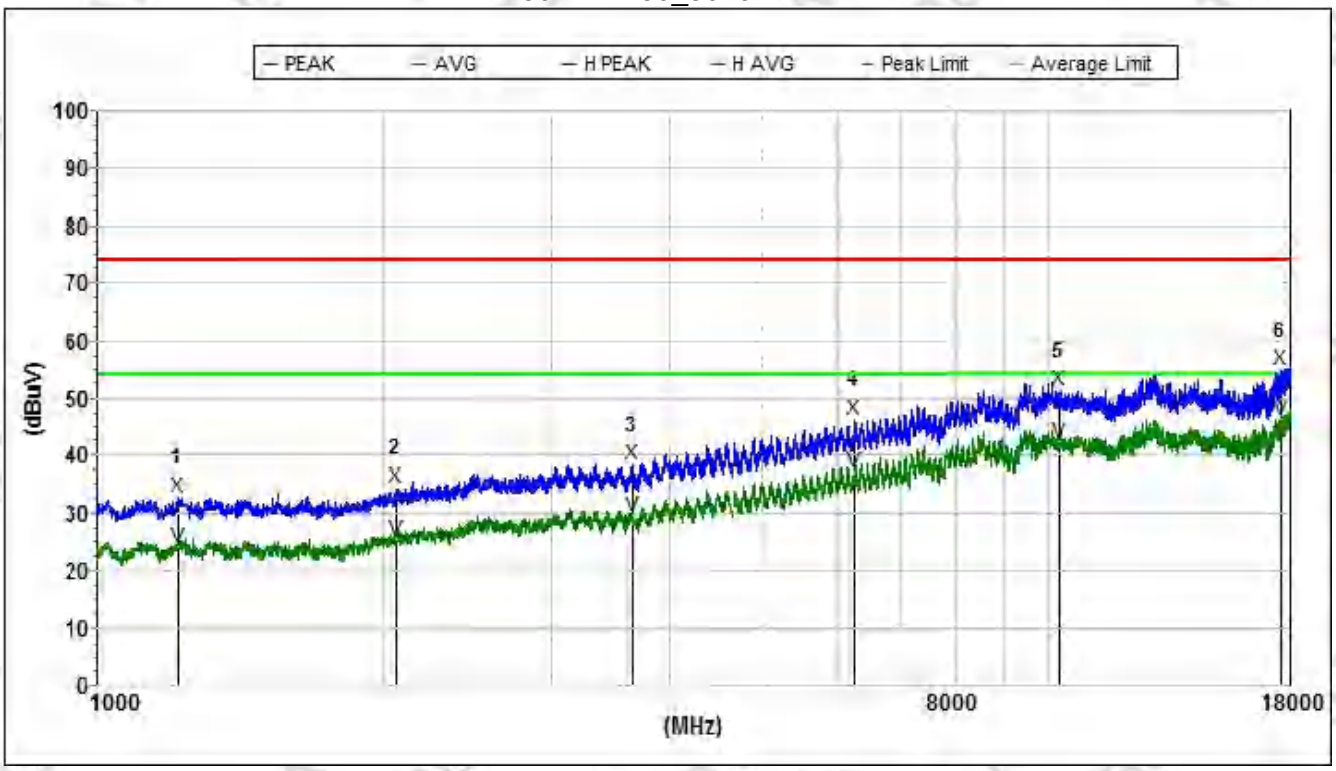


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1172.550000	32.5	74.0	41.5	25.7	60.8	2.2	V
2	1869.550000	32.5	74.0	41.5	25.5	61.1	2.6	V
3	3010.250000	37.4	74.0	36.6	29.4	58.8	3.0	V
4	5205.800000	43.8	74.0	30.2	32.9	57.6	3.8	V
5	8954.300000	51.1	74.0	22.9	38.2	59.2	5.3	V
6	17582.650000	55.8	74.0	18.2	39.8	58.1	6.9	V
Avg								
1	1172.550000	23.3	54.0	30.7	25.7	60.8	2.2	V
2	1869.550000	24.1	54.0	29.9	25.5	61.1	2.6	V
3	3010.250000	28.9	54.0	25.1	29.4	58.8	3.0	V
4	5205.800000	35.3	54.0	18.7	32.9	57.6	3.8	V
5	8954.300000	42.6	54.0	11.4	38.2	59.2	5.3	V
6	17582.650000	47.0	54.0	7.0	39.8	58.1	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 23		

802.11ac80_5610MHz

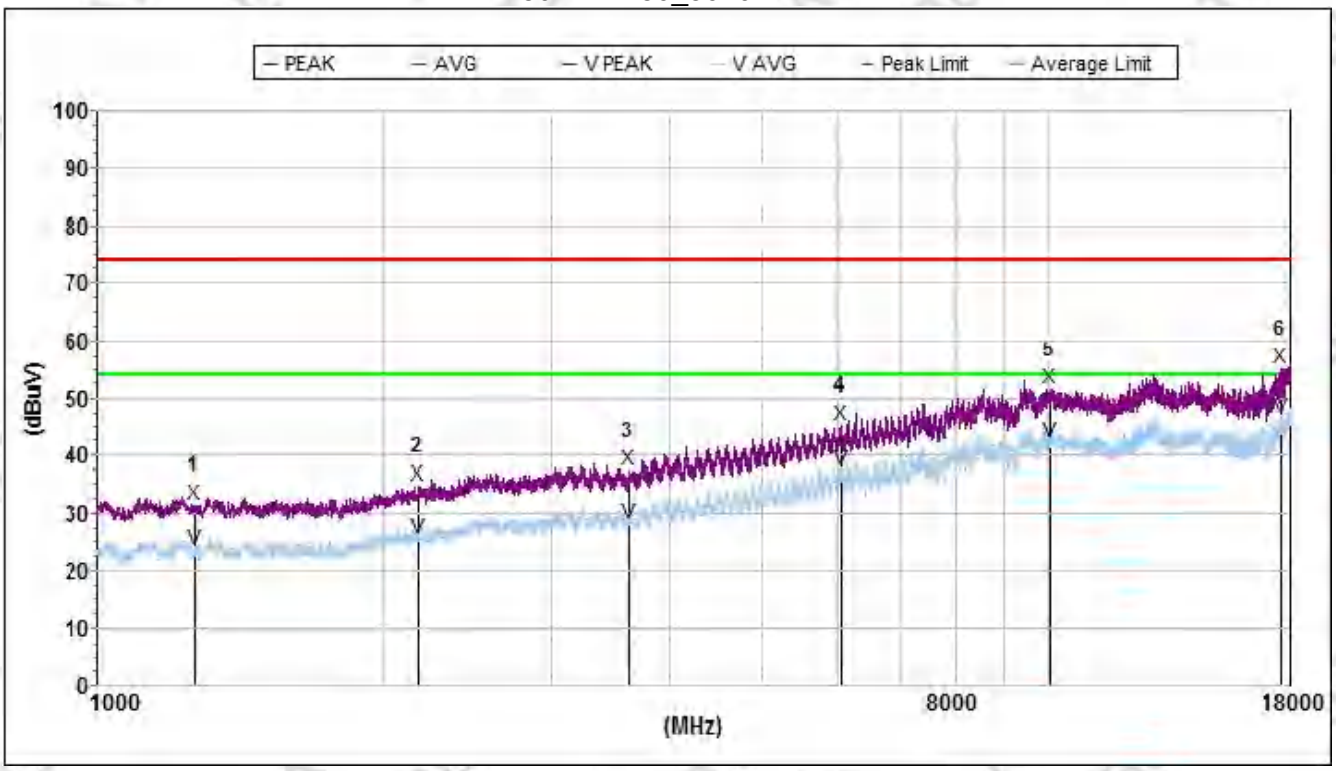


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1216.750000	33.0	74.0	41.0	25.7	60.9	2.3	H
2	2063.350000	34.4	74.0	39.6	26.9	60.9	2.7	H
3	3652.000000	38.5	74.0	35.5	29.7	59.0	3.2	H
4	6249.600000	46.3	74.0	27.7	34.2	58.0	4.2	H
5	10280.300000	51.4	74.0	22.6	38.8	60.7	5.5	H
6	17577.550000	55.0	74.0	19.0	39.7	58.1	6.9	H
Avg								
1	1216.750000	24.1	54.0	29.9	25.7	60.9	2.3	H
2	2063.350000	25.3	54.0	28.7	26.9	60.9	2.7	H
3	3652.000000	29.5	54.0	24.5	29.7	59.0	3.2	H
4	6249.600000	37.1	54.0	16.9	34.2	58.0	4.2	H
5	10280.300000	42.4	54.0	11.6	38.8	60.7	5.5	H
6	17577.550000	46.3	54.0	7.7	39.7	58.1	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 23		

802.11ac80_5610MHz



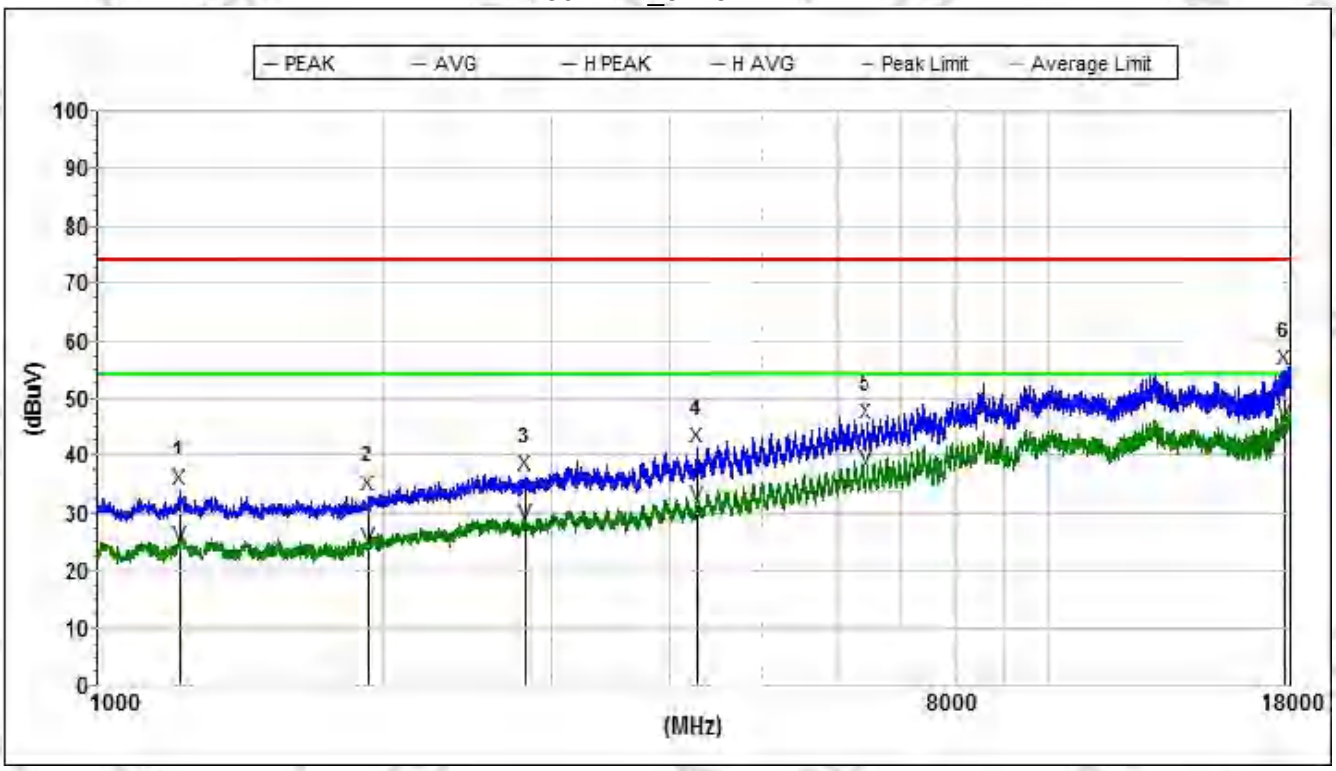
Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1264.350000	31.7	74.0	42.3	25.8	61.0	2.3	V
2	2175.550000	34.8	74.0	39.2	27.2	60.6	2.7	V
3	3624.800000	37.6	74.0	36.4	29.6	59.0	3.2	V
4	6042.200000	45.5	74.0	28.5	34.0	58.0	4.1	V
5	10058.450000	51.8	74.0	22.2	38.6	60.3	5.4	V
6	17596.250000	55.2	74.0	18.8	39.8	58.0	6.9	V
Avg								
1	1264.350000	23.7	54.0	30.3	25.8	61.0	2.3	V
2	2175.550000	25.7	54.0	28.3	27.2	60.6	2.7	V
3	3624.800000	28.4	54.0	25.6	29.6	59.0	3.2	V
4	6042.200000	37.5	54.0	16.5	34.0	58.0	4.1	V
5	10058.450000	42.4	54.0	11.6	38.6	60.3	5.4	V
6	17596.250000	46.7	54.0	7.3	39.8	58.0	6.9	V

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 4		

802.11a_5745MHz

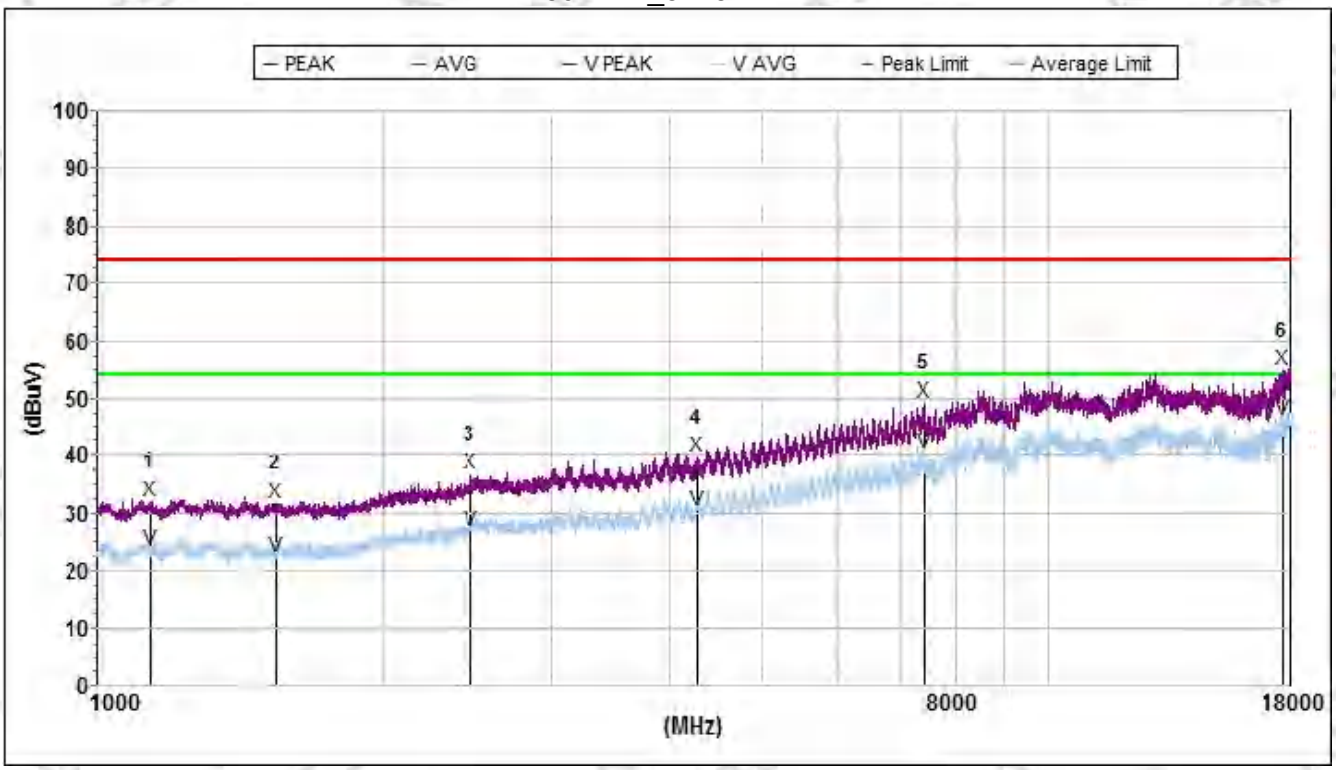


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1220.150000	34.3	74.0	39.7	25.7	60.9	2.3	H
2	1932.450000	33.1	74.0	40.9	25.9	60.9	2.6	H
3	2820.700000	36.4	74.0	37.6	28.5	59.4	2.9	H
4	4277.600000	41.3	74.0	32.7	31.3	58.2	3.4	H
5	6449.350000	45.7	74.0	28.3	34.8	58.0	4.2	H
6	17796.850000	54.8	74.0	19.2	41.1	57.8	7.0	H
Avg								
1	1220.150000	24.4	54.0	29.6	25.7	60.9	2.3	H
2	1932.450000	24.0	54.0	30.0	25.9	60.9	2.6	H
3	2820.700000	28.2	54.0	25.8	28.5	59.4	2.9	H
4	4277.600000	31.5	54.0	22.5	31.3	58.2	3.4	H
5	6449.350000	37.6	54.0	16.4	34.8	58.0	4.2	H
6	17796.850000	45.6	54.0	8.4	41.1	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 4		

802.11a_5745MHz

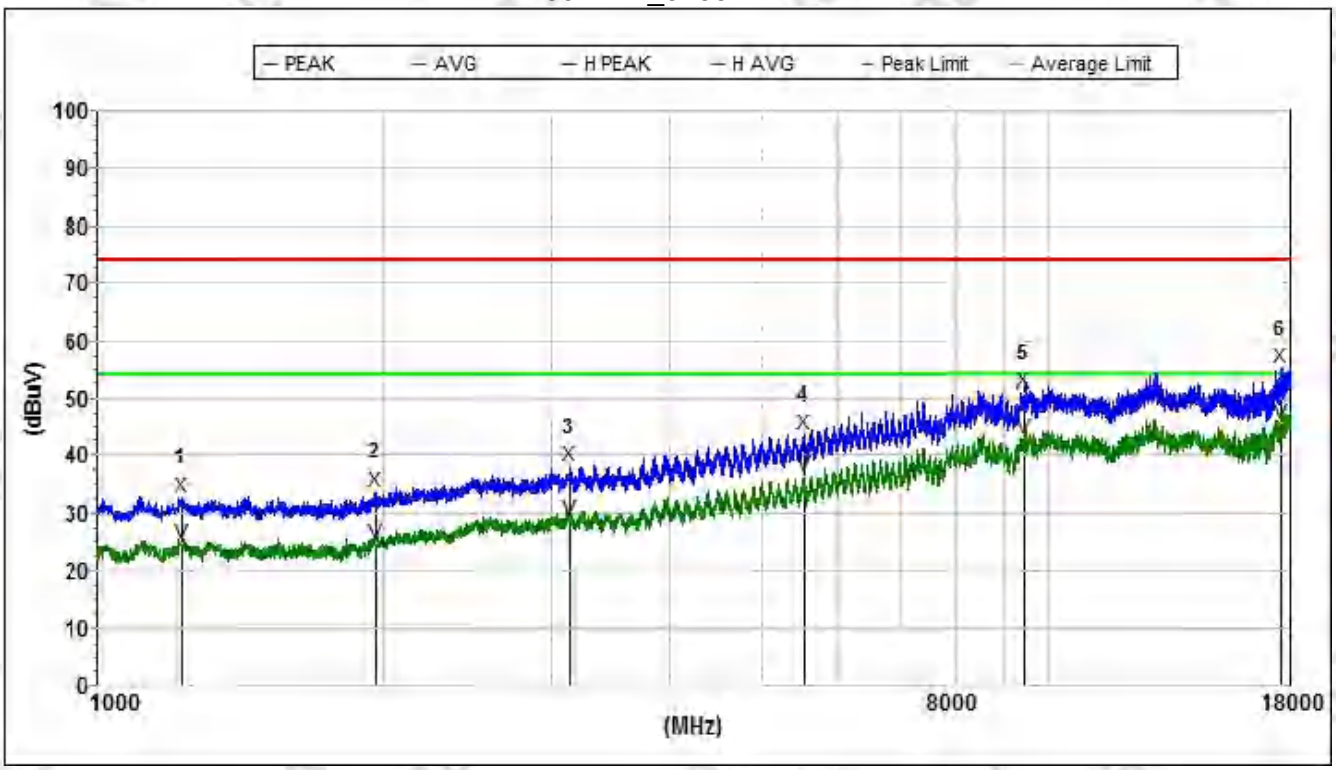


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1138.550000	32.4	74.0	41.6	25.6	60.7	2.2	V
2	1538.900000	32.0	74.0	42.0	25.4	61.3	2.5	V
3	2474.750000	36.7	74.0	37.3	27.6	59.0	2.8	V
4	4266.550000	39.8	74.0	34.2	31.2	58.2	3.4	V
5	7397.950000	49.5	74.0	24.5	36.5	57.5	4.6	V
6	17692.300000	54.9	74.0	19.1	40.4	57.9	6.9	V
Avg								
1	1138.550000	23.8	54.0	30.2	25.6	60.7	2.2	V
2	1538.900000	22.4	54.0	31.6	25.4	61.3	2.5	V
3	2474.750000	26.9	54.0	27.1	27.6	59.0	2.8	V
4	4266.550000	30.7	54.0	23.3	31.2	58.2	3.4	V
5	7397.950000	40.5	54.0	13.5	36.5	57.5	4.6	V
6	17692.300000	46.3	54.0	7.7	40.4	57.9	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 4		

802.11a_5785MHz

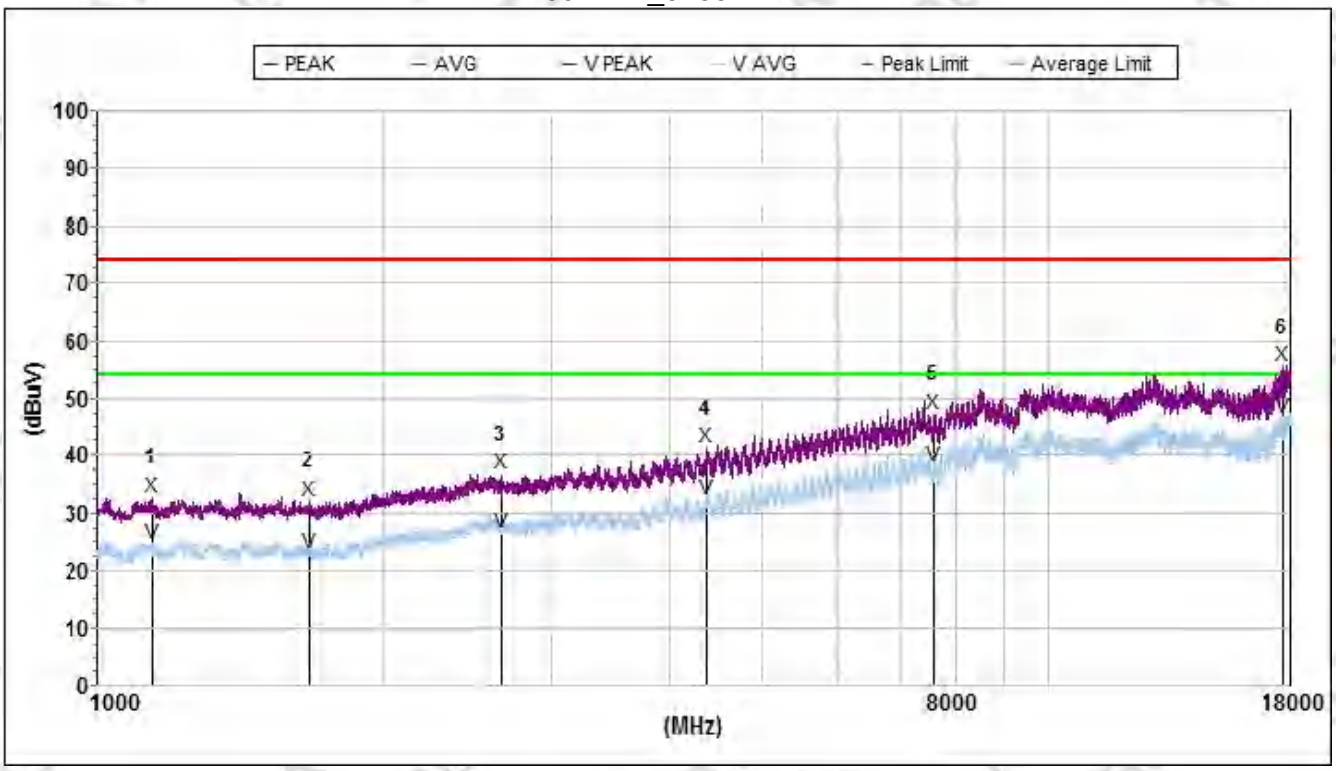


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1226.100000	32.9	74.0	41.1	25.8	60.9	2.3	H
2	1962.200000	34.0	74.0	40.0	26.2	60.9	2.7	H
3	3136.900000	38.0	74.0	36.0	29.7	58.6	3.0	H
4	5533.050000	43.6	74.0	30.4	32.8	58.1	4.0	H
5	9435.400000	51.1	74.0	22.9	38.6	59.4	5.4	H
6	17596.250000	55.2	74.0	18.8	39.8	58.0	6.9	H
Avg								
1	1226.100000	24.8	54.0	29.2	25.8	60.9	2.3	H
2	1962.200000	24.8	54.0	29.2	26.2	60.9	2.7	H
3	3136.900000	29.0	54.0	25.0	29.7	58.6	3.0	H
4	5533.050000	36.4	54.0	17.6	32.8	58.1	4.0	H
5	9435.400000	43.0	54.0	11.0	38.6	59.4	5.4	H
6	17596.250000	45.7	54.0	8.3	39.8	58.0	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 4		

802.11a_5785MHz

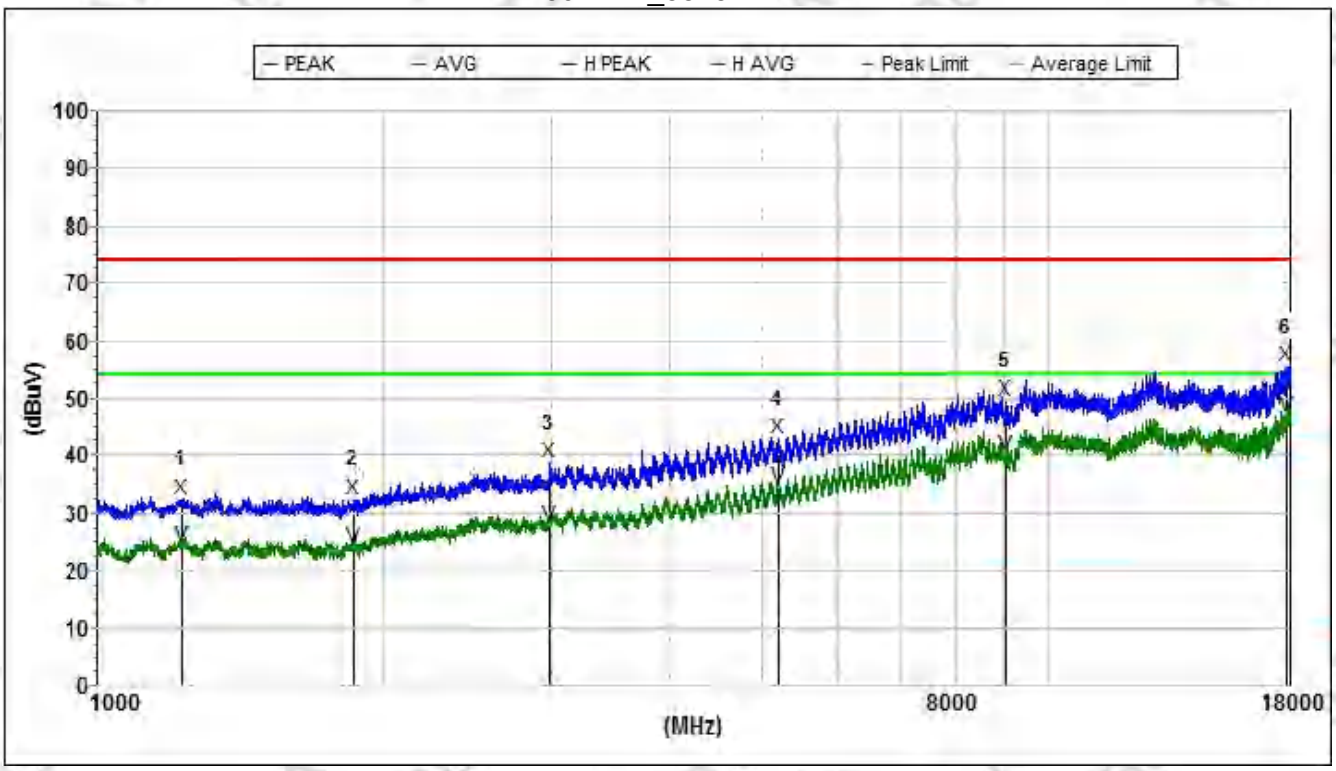


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1139.400000	32.9	74.0	41.1	25.6	60.7	2.2	V
2	1671.500000	32.4	74.0	41.6	25.1	61.2	2.5	V
3	2668.550000	36.8	74.0	37.2	28.1	59.3	2.9	V
4	4371.950000	41.4	74.0	32.6	31.5	58.1	3.5	V
5	7589.200000	47.5	74.0	26.5	36.3	57.7	4.7	V
6	17686.350000	55.7	74.0	18.3	40.4	57.9	6.9	V
Avg								
1	1139.400000	24.7	54.0	29.3	25.6	60.7	2.2	V
2	1671.500000	23.1	54.0	30.9	25.1	61.2	2.5	V
3	2668.550000	26.8	54.0	27.2	28.1	59.3	2.9	V
4	4371.950000	32.6	54.0	21.4	31.5	58.1	3.5	V
5	7589.200000	38.1	54.0	15.9	36.3	57.7	4.7	V
6	17686.350000	46.6	54.0	7.4	40.4	57.9	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 4		

802.11a_5825MHz

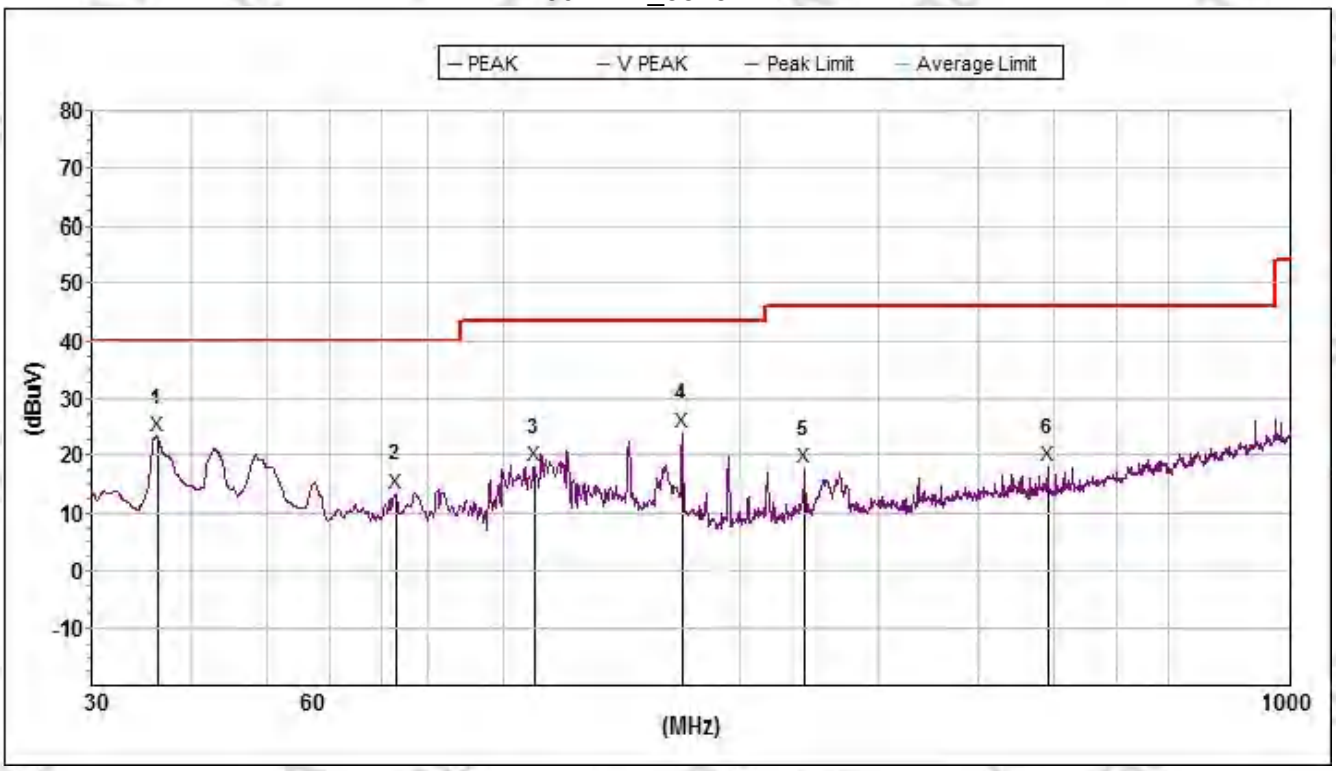


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1223.550000	32.6	74.0	41.4	25.7	60.9	2.3	H
2	1861.050000	32.5	74.0	41.5	25.4	61.1	2.6	H
3	2993.250000	38.9	74.0	35.1	29.3	58.8	2.9	H
4	5210.050000	43.2	74.0	30.8	32.9	57.6	3.8	H
5	9046.950000	49.6	74.0	24.4	38.2	59.5	5.4	H
6	17879.300000	55.6	74.0	18.4	41.6	57.7	7.0	H
Avg								
1	1223.550000	24.3	54.0	29.7	25.7	60.9	2.3	H
2	1861.050000	24.0	54.0	30.0	25.4	61.1	2.6	H
3	2993.250000	28.0	54.0	26.0	29.3	58.8	2.9	H
4	5210.050000	34.6	54.0	19.4	32.9	57.6	3.8	H
5	9046.950000	40.2	54.0	13.8	38.2	59.5	5.4	H
6	17879.300000	47.1	54.0	6.9	41.6	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 4		

802.11a_5825MHz

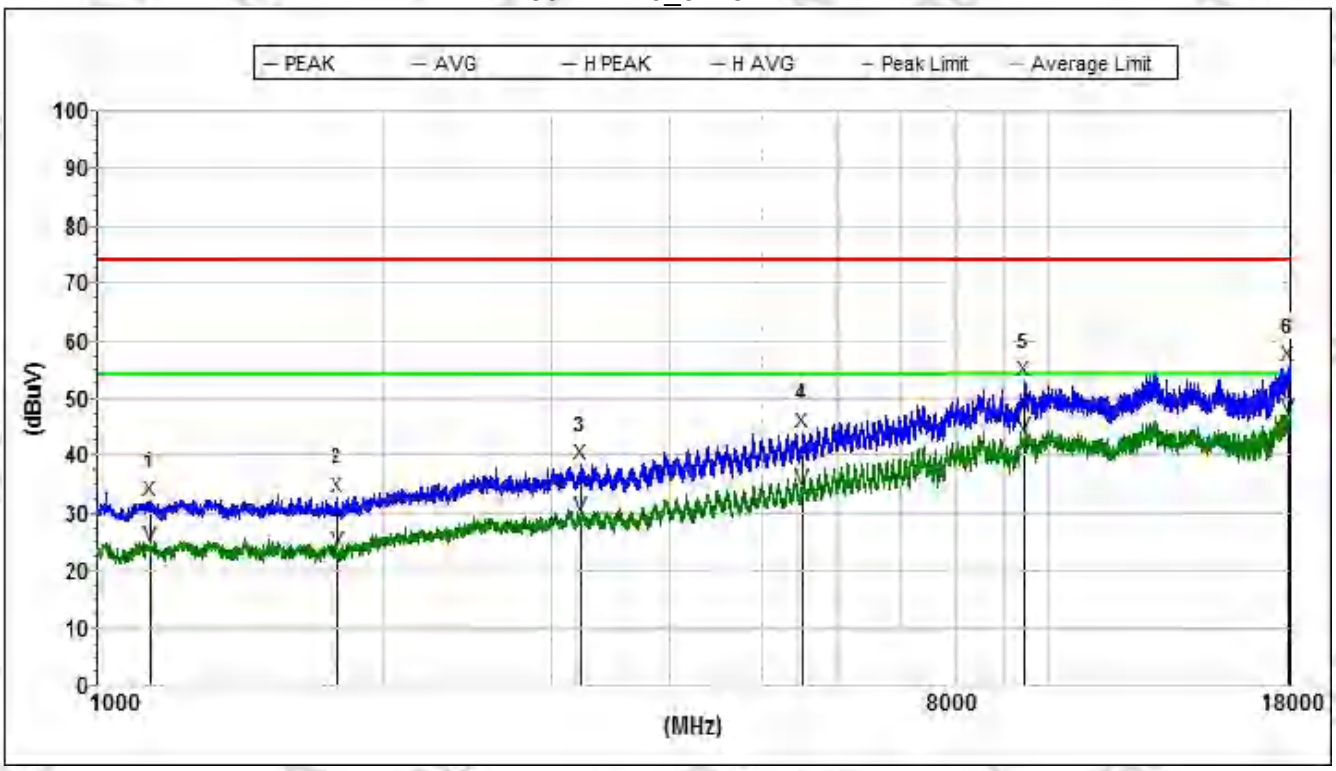


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1224.400000	33.7	74.0	40.3	25.7	60.9	2.3	V
2	1956.250000	34.2	74.0	39.8	26.1	60.9	2.7	V
3	3329.850000	39.1	74.0	34.9	29.6	58.2	3.1	V
4	5531.350000	43.9	74.0	30.1	32.8	58.1	4.0	V
5	9466.850000	53.1	74.0	20.9	38.6	59.7	5.4	V
6	17576.700000	54.9	74.0	19.1	39.7	58.1	6.9	V
Avg								
1	1224.400000	24.5	54.0	29.5	25.7	60.9	2.3	V
2	1956.250000	25.2	54.0	28.8	26.1	60.9	2.7	V
3	3329.850000	29.9	54.0	24.1	29.6	58.2	3.1	V
4	5531.350000	35.7	54.0	18.3	32.8	58.1	4.0	V
5	9466.850000	43.9	54.0	10.1	38.6	59.7	5.4	V
6	17576.700000	46.5	54.0	7.5	39.7	58.1	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 8		

802.11n20_5745MHz

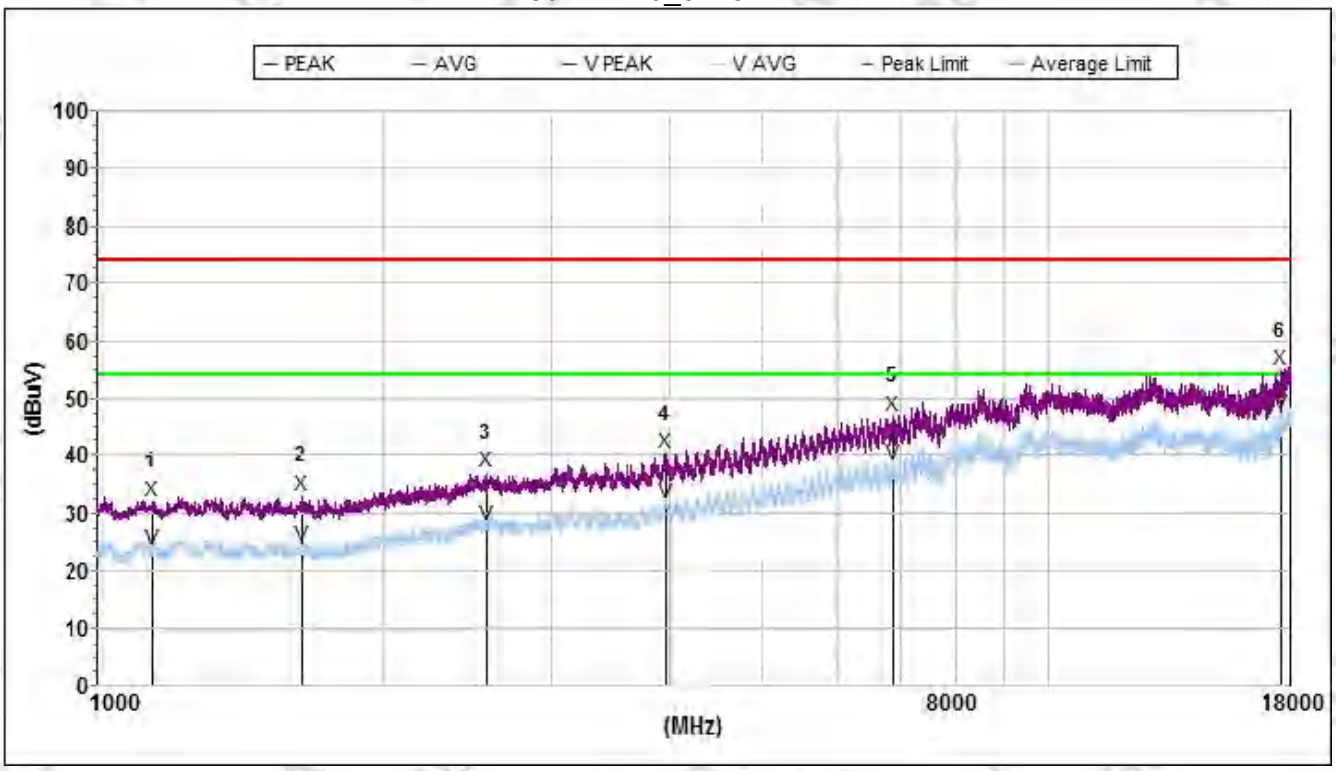


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1136.000000	32.2	74.0	41.8	25.6	60.7	2.2	H
2	1788.800000	32.8	74.0	41.2	25.1	61.3	2.6	H
3	3226.150000	38.4	74.0	35.6	29.7	58.4	3.0	H
4	5510.950000	44.0	74.0	30.0	32.8	58.1	4.0	H
5	9470.250000	53.1	74.0	20.9	38.6	59.7	5.4	H
6	17885.250000	55.6	74.0	18.4	41.6	57.7	7.0	H
Avg								
1	1136.000000	24.2	54.0	29.8	25.6	60.7	2.2	H
2	1788.800000	23.5	54.0	30.5	25.1	61.3	2.6	H
3	3226.150000	29.7	54.0	24.3	29.7	58.4	3.0	H
4	5510.950000	34.3	54.0	19.7	32.8	58.1	4.0	H
5	9470.250000	43.4	54.0	10.6	38.6	59.7	5.4	H
6	17885.250000	46.6	54.0	7.4	41.6	57.7	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 8		

802.11n20_5745MHz

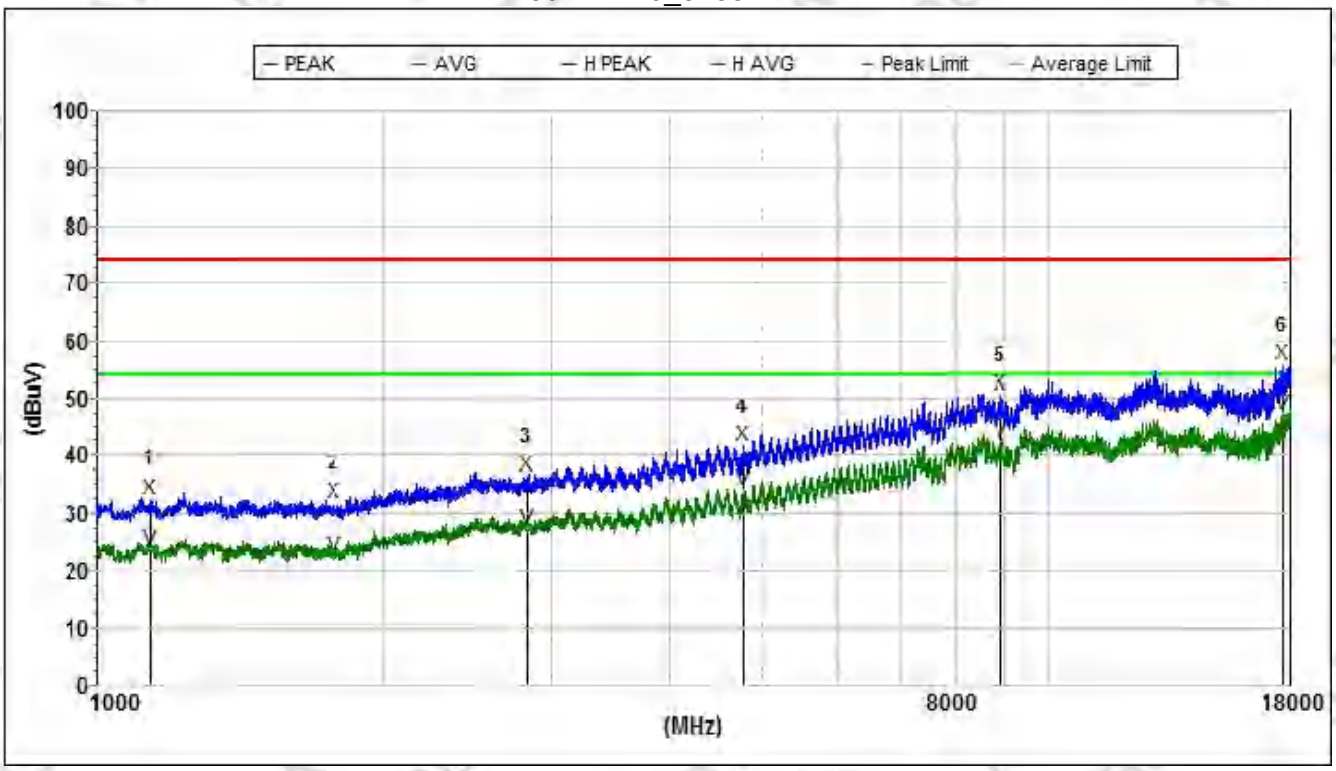


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1140.250000	32.4	74.0	41.6	25.6	60.7	2.2	V
2	1642.600000	33.1	74.0	40.9	25.2	61.2	2.5	V
3	2565.700000	37.2	74.0	36.8	27.9	58.9	2.9	V
4	3963.950000	40.3	74.0	33.7	30.8	58.5	3.3	V
5	6864.150000	47.0	74.0	27.0	35.8	58.6	4.3	V
6	17584.350000	54.9	74.0	19.1	39.8	58.1	6.9	V
Avg								
1	1140.250000	23.8	54.0	30.2	25.6	60.7	2.2	V
2	1642.600000	24.2	54.0	29.8	25.2	61.2	2.5	V
3	2565.700000	27.8	54.0	26.2	27.9	58.9	2.9	V
4	3963.950000	31.8	54.0	22.2	30.8	58.5	3.3	V
5	6864.150000	38.4	54.0	15.6	35.8	58.6	4.3	V
6	17584.350000	47.3	54.0	6.7	39.8	58.1	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 8		

802.11n20_5785MHz

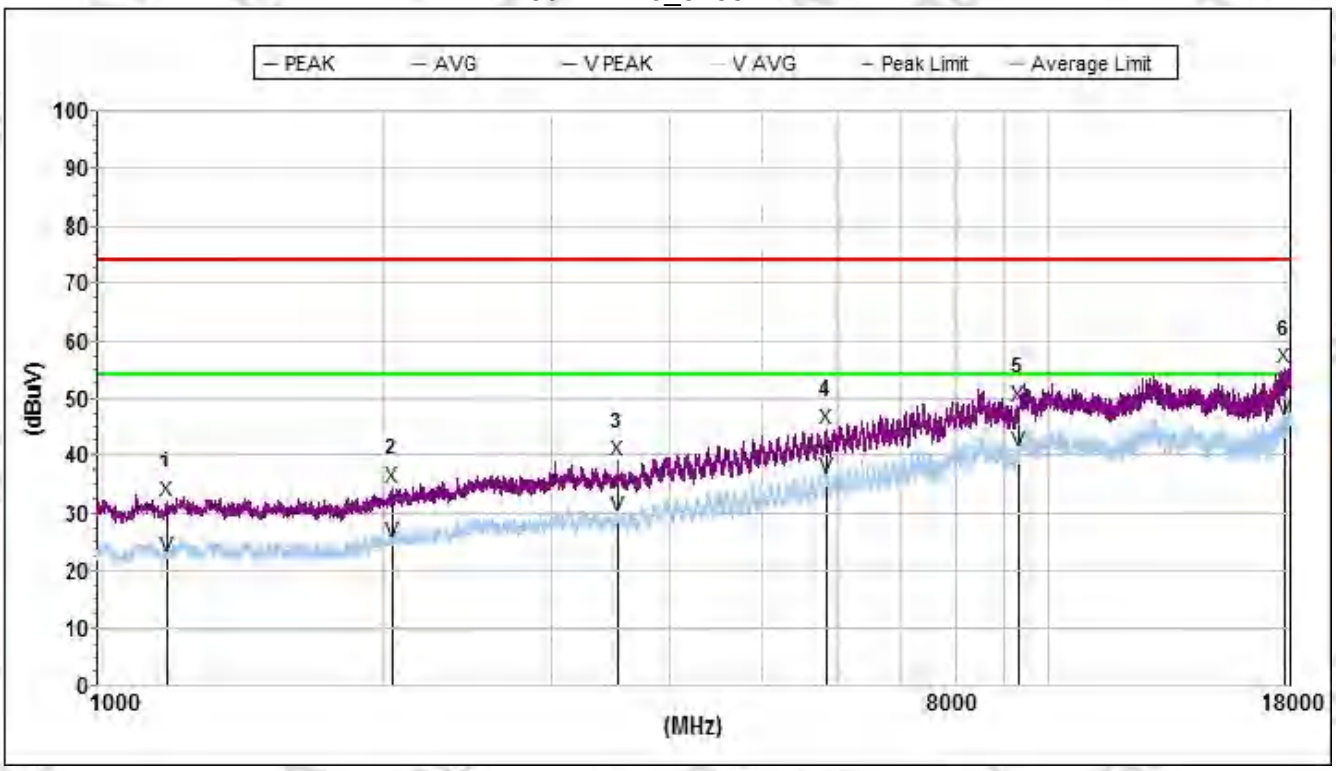


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1138.550000	32.7	74.0	41.3	25.6	60.7	2.2	H
2	1773.500000	32.0	74.0	42.0	25.1	61.3	2.6	H
3	2830.050000	36.6	74.0	37.4	28.6	59.3	2.9	H
4	4790.150000	41.9	74.0	32.1	32.2	57.5	3.6	H
5	8942.400000	50.5	74.0	23.5	38.2	59.1	5.3	H
6	17684.650000	56.0	74.0	18.0	40.4	57.9	6.9	H
Avg								
1	1138.550000	23.8	54.0	30.2	25.6	60.7	2.2	H
2	1773.500000	22.4	54.0	31.6	25.1	61.3	2.6	H
3	2830.050000	27.4	54.0	26.6	28.6	59.3	2.9	H
4	4790.150000	34.2	54.0	19.8	32.2	57.5	3.6	H
5	8942.400000	42.3	54.0	11.7	38.2	59.1	5.3	H
6	17684.650000	47.4	54.0	6.6	40.4	57.9	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 8		

802.11n20_5785MHz

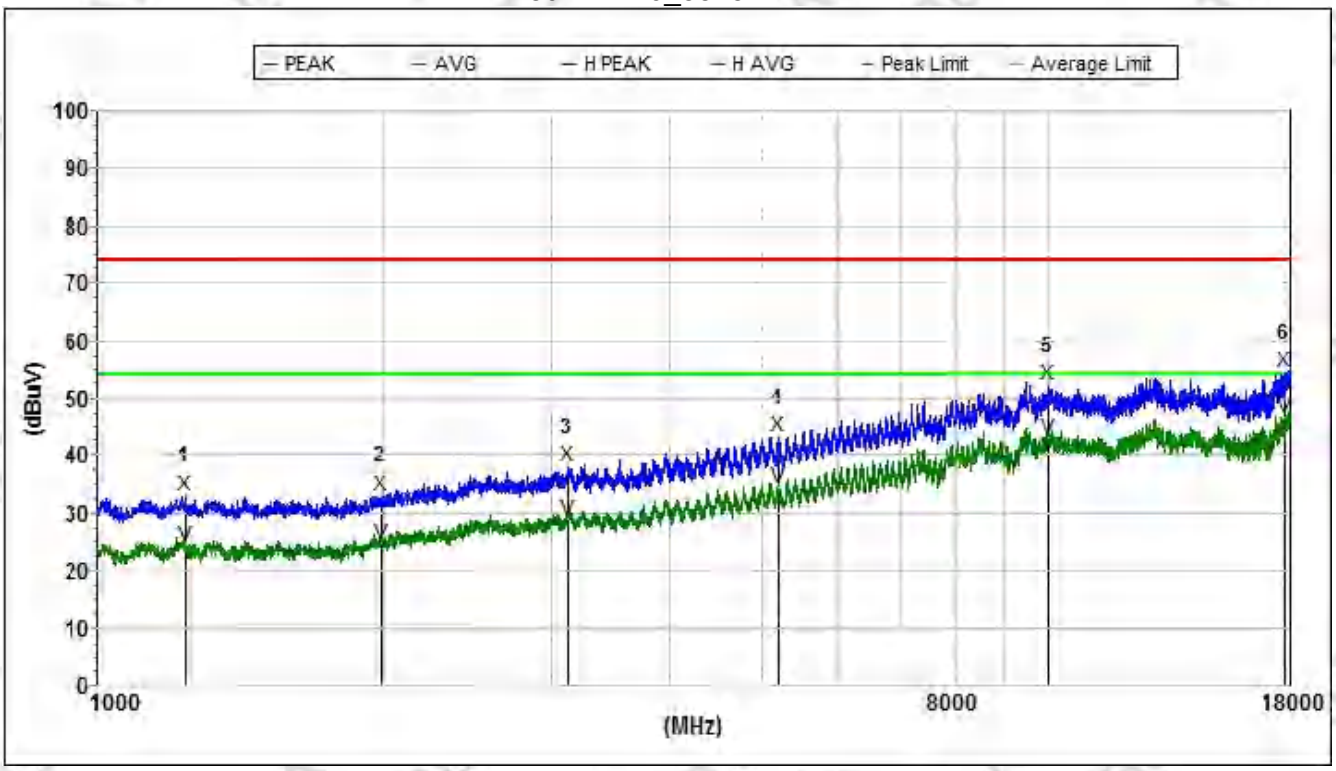


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1181.050000	32.1	74.0	41.9	25.7	60.8	2.3	V
2	2041.250000	34.6	74.0	39.4	26.8	60.9	2.7	V
3	3538.100000	39.1	74.0	34.9	29.5	58.9	3.1	V
4	5846.700000	44.9	74.0	29.1	33.9	58.1	4.1	V
5	9338.500000	48.8	74.0	25.2	38.5	59.3	5.4	V
6	17790.900000	55.3	74.0	18.7	41.1	57.8	7.0	V
Avg								
1	1181.050000	22.4	54.0	31.6	25.7	60.8	2.3	V
2	2041.250000	25.0	54.0	29.0	26.8	60.9	2.7	V
3	3538.100000	29.7	54.0	24.3	29.5	58.9	3.1	V
4	5846.700000	36.1	54.0	17.9	33.9	58.1	4.1	V
5	9338.500000	40.9	54.0	13.1	38.5	59.3	5.4	V
6	17790.900000	46.3	54.0	7.7	41.1	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 8		

802.11n20_5825MHz

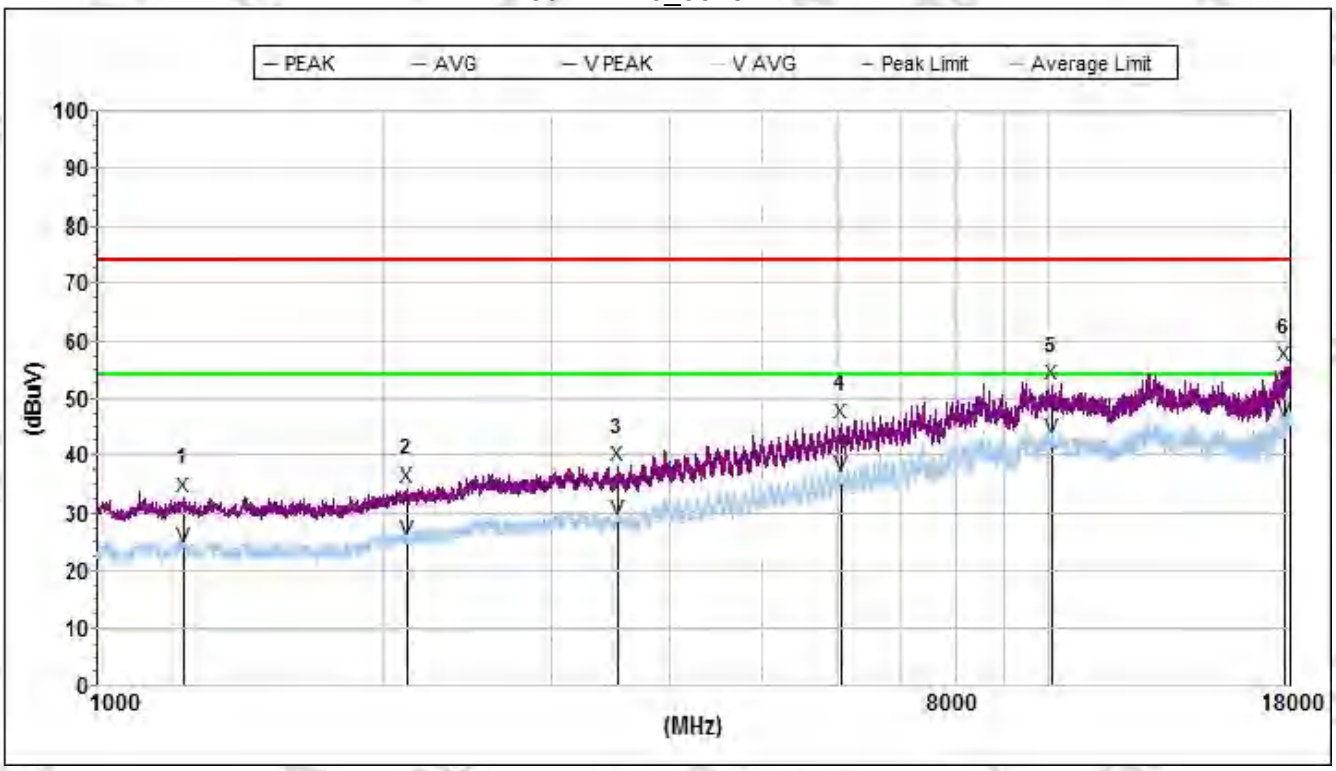


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1235.450000	33.2	74.0	40.8	25.8	60.9	2.3	H
2	1993.650000	33.3	74.0	40.7	26.4	60.9	2.7	H
3	3125.000000	38.0	74.0	36.0	29.7	58.6	3.0	H
4	5208.350000	43.4	74.0	30.6	32.9	57.6	3.8	H
5	10008.300000	52.2	74.0	21.8	38.6	60.2	5.4	H
6	17800.250000	54.5	74.0	19.5	41.1	57.8	7.0	H
Avg								
1	1235.450000	24.4	54.0	29.6	25.8	60.9	2.3	H
2	1993.650000	24.7	54.0	29.3	26.4	60.9	2.7	H
3	3125.000000	29.1	54.0	24.9	29.7	58.6	3.0	H
4	5208.350000	34.4	54.0	19.6	32.9	57.6	3.8	H
5	10008.300000	43.1	54.0	10.9	38.6	60.2	5.4	H
6	17800.250000	46.7	54.0	7.3	41.1	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 8		

802.11n20_5825MHz

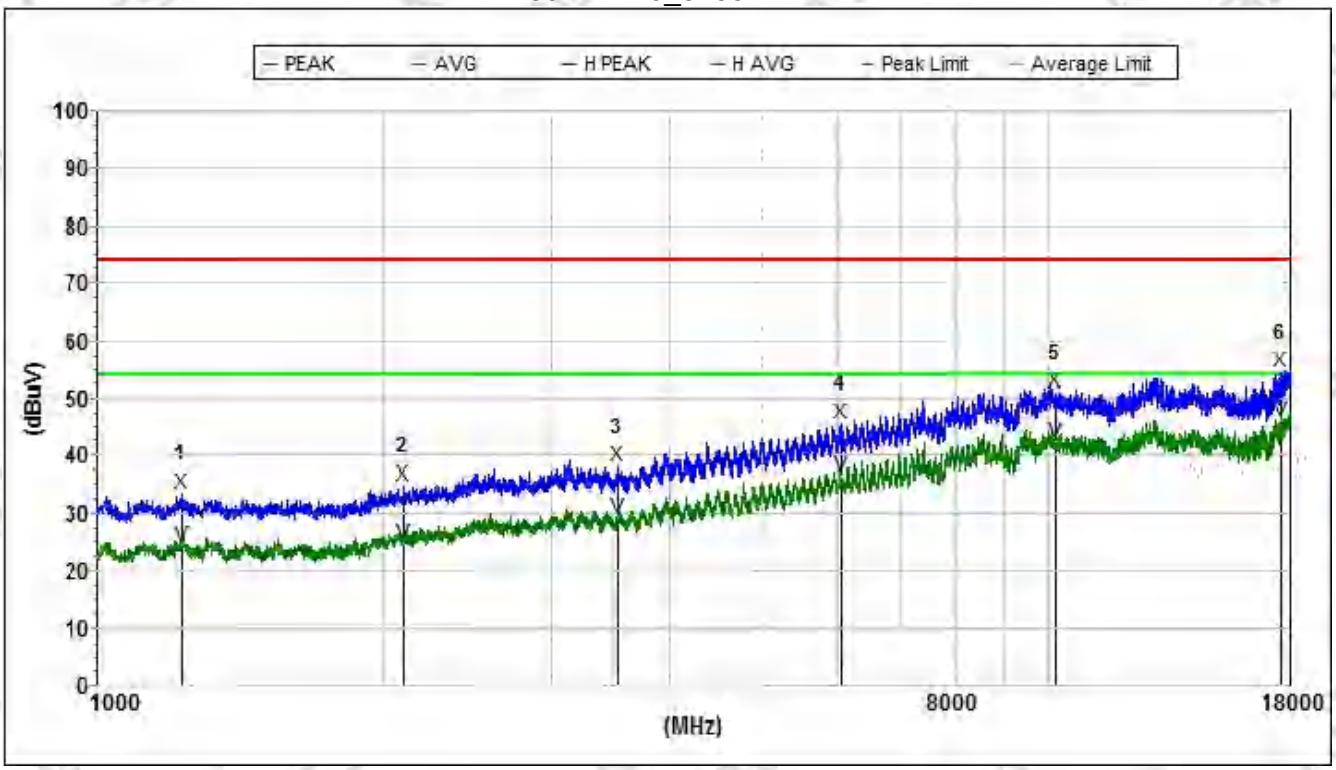


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1232.050000	33.0	74.0	41.0	25.8	60.9	2.3	V
2	2115.200000	34.6	74.0	39.4	27.2	60.8	2.7	V
3	3534.700000	38.1	74.0	35.9	29.5	59.0	3.1	V
4	6049.000000	45.7	74.0	28.3	34.0	58.0	4.1	V
5	10105.200000	52.4	74.0	21.6	38.6	60.4	5.4	V
6	17790.050000	55.5	74.0	18.5	41.0	57.8	7.0	V
Avg								
1	1232.050000	24.1	54.0	29.9	25.8	60.9	2.3	V
2	2115.200000	25.3	54.0	28.7	27.2	60.8	2.7	V
3	3534.700000	29.0	54.0	25.0	29.5	59.0	3.1	V
4	6049.000000	36.5	54.0	17.5	34.0	58.0	4.1	V
5	10105.200000	43.2	54.0	10.8	38.6	60.4	5.4	V
6	17790.050000	46.1	54.0	7.9	41.0	57.8	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 20		

802.11n40_5755MHz

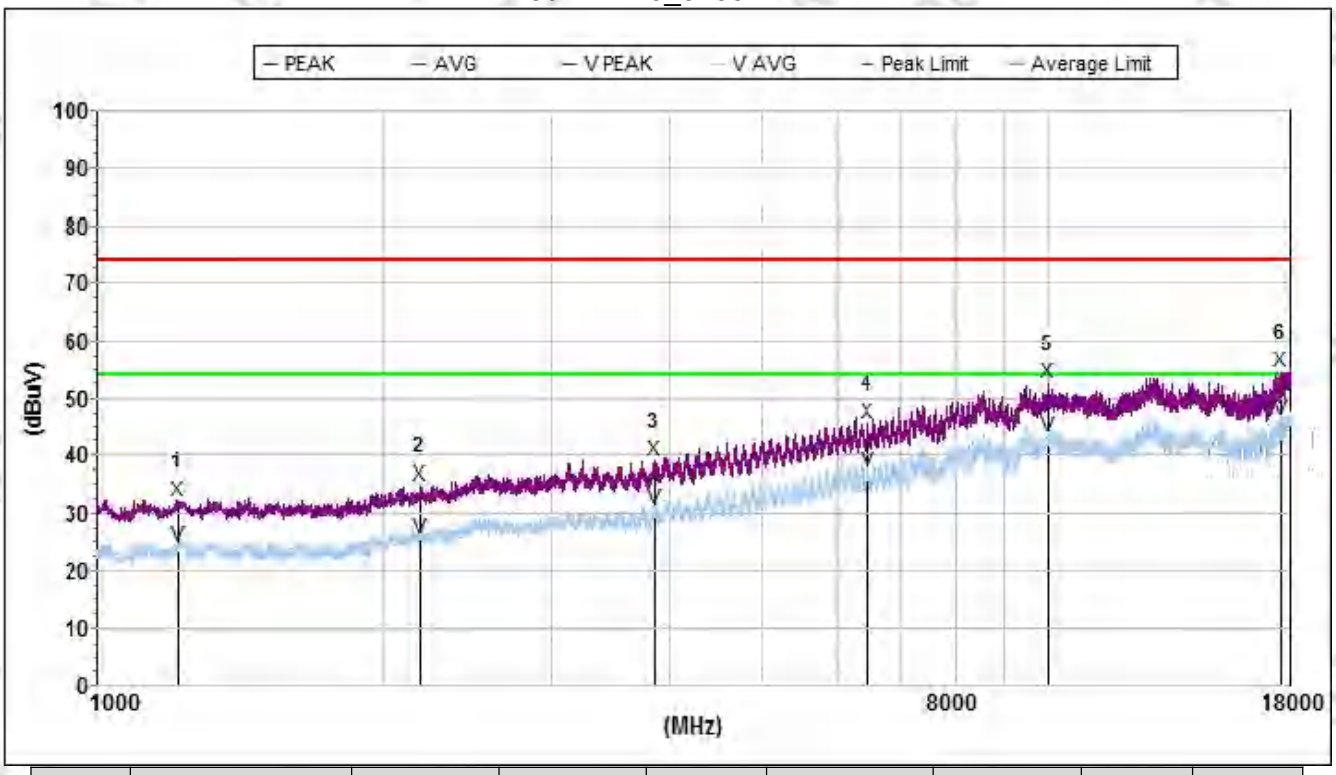


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1222.700000	33.5	74.0	40.5	25.7	60.9	2.3	H
2	2101.600000	34.9	74.0	39.1	27.2	60.9	2.7	H
3	3537.250000	38.2	74.0	35.8	29.5	59.0	3.1	H
4	6040.500000	45.6	74.0	28.4	34.0	58.0	4.1	H
5	10174.900000	51.1	74.0	22.9	38.7	60.5	5.4	H
6	17591.150000	54.6	74.0	19.4	39.8	58.0	6.9	H
Avg								
1	1222.700000	24.5	54.0	29.5	25.7	60.9	2.3	H
2	2101.600000	24.7	54.0	29.3	27.2	60.9	2.7	H
3	3537.250000	29.3	54.0	24.7	29.5	59.0	3.1	H
4	6040.500000	36.6	54.0	17.4	34.0	58.0	4.1	H
5	10174.900000	42.3	54.0	11.7	38.7	60.5	5.4	H
6	17591.150000	46.0	54.0	8.0	39.8	58.0	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 20		

802.11n40_5755MHz

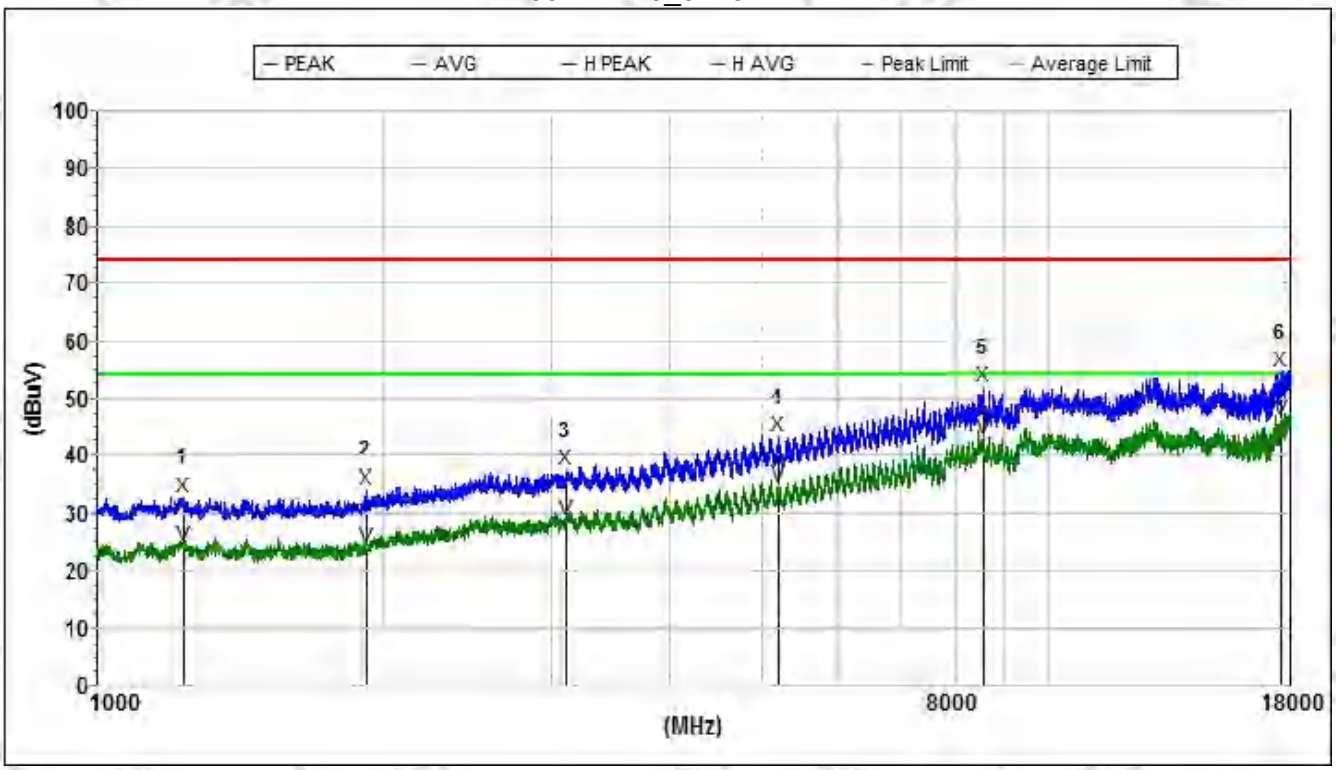


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1211.650000	32.3	74.0	41.7	25.7	60.9	2.3	V
2	2186.600000	35.0	74.0	39.0	27.2	60.6	2.7	V
3	3867.050000	39.0	74.0	35.0	30.6	58.7	3.2	V
4	6452.750000	45.8	74.0	28.2	34.8	58.0	4.2	V
5	10007.450000	52.5	74.0	21.5	38.6	60.2	5.4	V
6	17586.900000	54.7	74.0	19.3	39.8	58.1	6.9	V
Avg								
1	1211.650000	24.2	54.0	29.8	25.7	60.9	2.3	V
2	2186.600000	25.7	54.0	28.3	27.2	60.6	2.7	V
3	3867.050000	31.0	54.0	23.0	30.6	58.7	3.2	V
4	6452.750000	37.3	54.0	16.7	34.8	58.0	4.2	V
5	10007.450000	43.3	54.0	10.7	38.6	60.2	5.4	V
6	17586.900000	46.4	54.0	7.6	39.8	58.1	6.9	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 20		

802.11n40_5775MHz

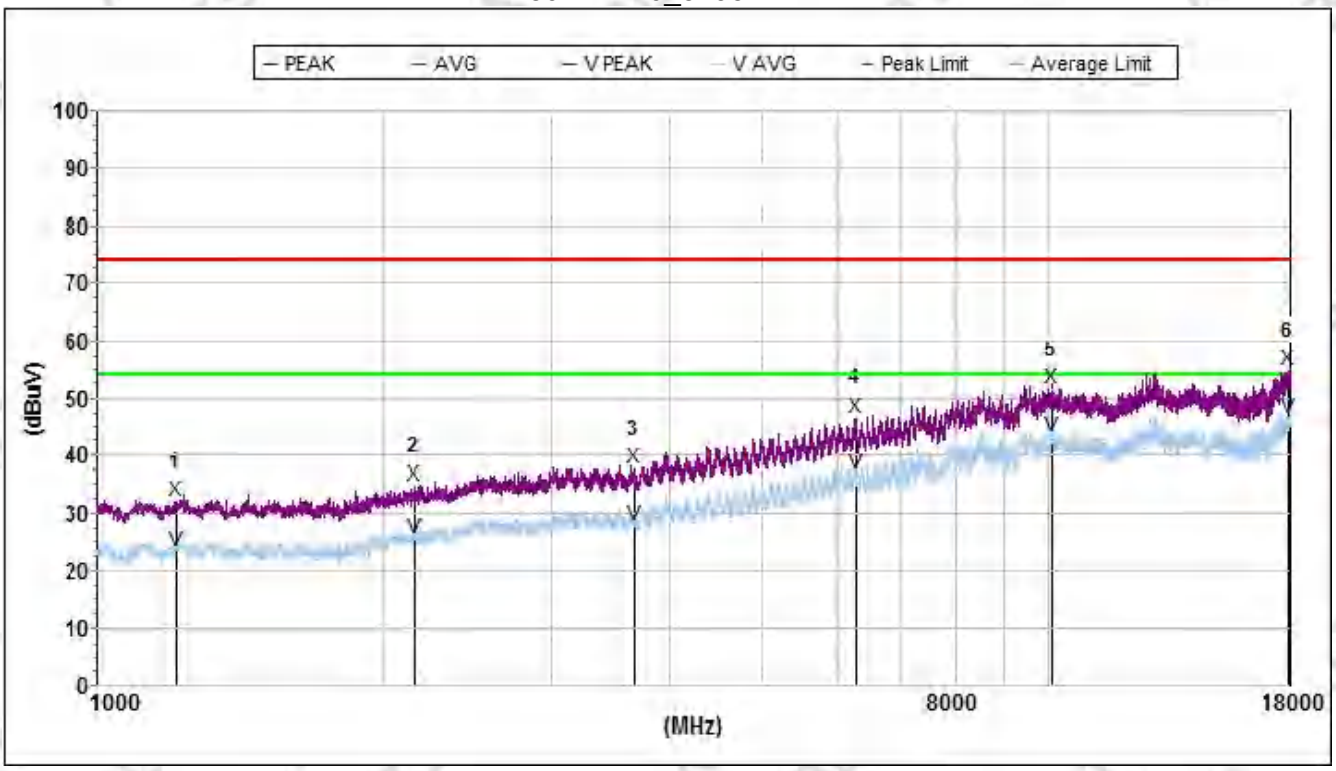


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1228.650000	32.8	74.0	41.2	25.8	60.9	2.3	H
2	1920.550000	34.3	74.0	39.7	25.8	60.9	2.6	H
3	3111.400000	37.6	74.0	36.4	29.7	58.7	3.0	H
4	5216.000000	43.4	74.0	30.6	32.9	57.6	3.8	H
5	8532.700000	51.9	74.0	22.1	37.7	56.1	5.1	H
6	17587.750000	54.5	74.0	19.5	39.8	58.0	6.9	H
Avg								
1	1228.650000	24.4	54.0	29.6	25.8	60.9	2.3	H
2	1920.550000	24.1	54.0	29.9	25.8	60.9	2.6	H
3	3111.400000	28.9	54.0	25.1	29.7	58.7	3.0	H
4	5216.000000	34.8	54.0	19.2	32.9	57.6	3.8	H
5	8532.700000	43.0	54.0	11.0	37.7	56.1	5.1	H
6	17587.750000	46.3	54.0	7.7	39.8	58.0	6.9	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 20		

802.11n40_5795MHz

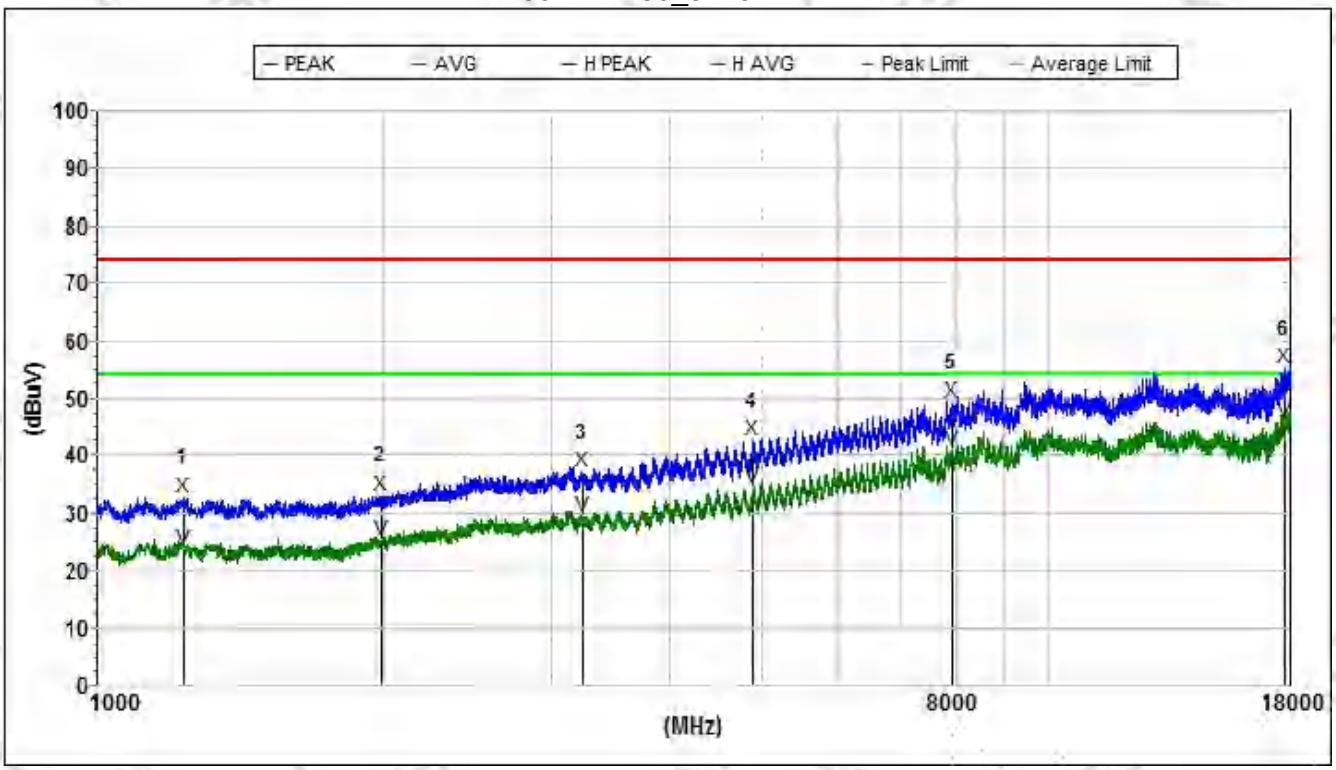


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	1209.950000	32.3	74.0	41.7	25.7	60.9	2.3	V
2	2157.700000	35.0	74.0	39.0	27.2	60.7	2.7	V
3	3668.150000	37.9	74.0	36.1	29.8	59.0	3.2	V
4	6258.950000	46.7	74.0	27.3	34.2	58.0	4.2	V
5	10101.800000	51.6	74.0	22.4	38.6	60.4	5.4	V
6	17895.450000	54.8	74.0	19.2	41.7	57.7	7.0	V
Avg								
1	1209.950000	23.3	54.0	30.7	25.7	60.9	2.3	V
2	2157.700000	25.5	54.0	28.5	27.2	60.7	2.7	V
3	3668.150000	28.0	54.0	26.0	29.8	59.0	3.2	V
4	6258.950000	36.9	54.0	17.1	34.2	58.0	4.2	V
5	10101.800000	43.4	54.0	10.6	38.6	60.4	5.4	V
6	17895.450000	46.7	54.0	7.3	41.7	57.7	7.0	V

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Horizontal
Test Mode:	TX Mode 24		

802.11ac80_5775MHz

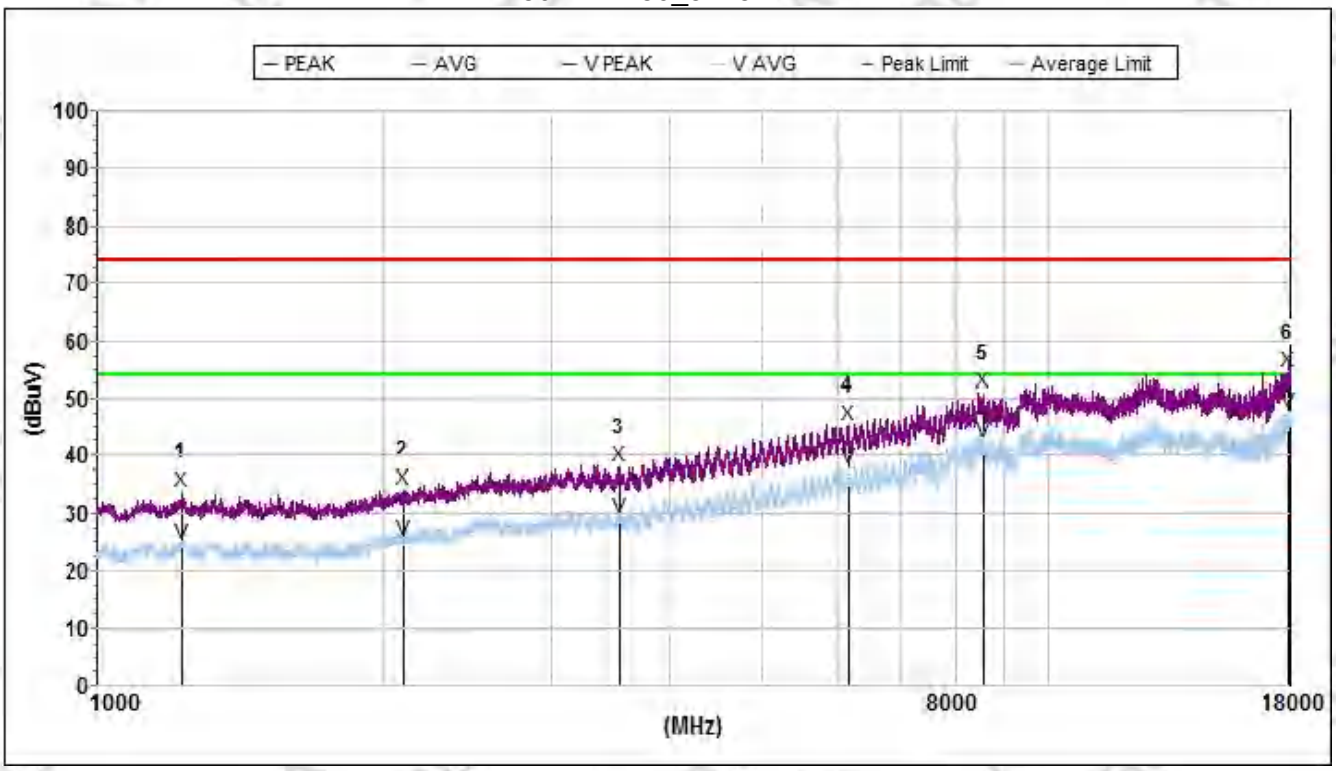


Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1229.500000	32.8	74.0	41.2	25.8	60.9	2.3	H
2	1994.500000	33.2	74.0	40.8	26.4	60.9	2.7	H
3	3229.550000	37.2	74.0	36.8	29.7	58.4	3.0	H
4	4903.200000	42.7	74.0	31.3	32.7	57.4	3.6	H
5	7906.250000	49.4	74.0	24.6	37.2	57.4	4.8	H
6	17789.200000	55.4	74.0	18.6	41.0	57.8	7.0	H
Avg								
1	1229.500000	23.6	54.0	30.4	25.8	60.9	2.3	H
2	1994.500000	25.3	54.0	28.7	26.4	60.9	2.7	H
3	3229.550000	29.6	54.0	24.4	29.7	58.4	3.0	H
4	4903.200000	34.6	54.0	19.4	32.7	57.4	3.6	H
5	7906.250000	41.2	54.0	12.8	37.2	57.4	4.8	H
6	17789.200000	46.1	54.0	7.9	41.0	57.8	7.0	H

1GHz - 18GHz

Temperature:	23.0℃	Relative Humidity:	45%RH
Test Voltage:	DC 5V	Phase:	Vertical
Test Mode:	TX Mode 24		

802.11ac80_5775MHz



Mk.	Freq.(MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak								
1	1226.950000	33.8	74.0	40.2	25.8	60.9	2.3	V
2	2103.300000	34.2	74.0	39.8	27.2	60.8	2.7	V
3	3550.000000	38.0	74.0	36.0	29.5	59.0	3.2	V
4	6151.850000	45.5	74.0	28.5	34.0	58.0	4.2	V
5	8544.600000	51.0	74.0	23.0	37.8	56.3	5.1	V
6	17886.950000	54.5	74.0	19.5	41.7	57.7	7.0	V
Avg								
1	1226.950000	24.8	54.0	29.2	25.8	60.9	2.3	V
2	2103.300000	25.3	54.0	28.7	27.2	60.8	2.7	V
3	3550.000000	29.2	54.0	24.8	29.5	59.0	3.2	V
4	6151.850000	37.8	54.0	16.2	34.0	58.0	4.2	V
5	8544.600000	42.5	54.0	11.5	37.8	56.3	5.1	V
6	17886.950000	47.6	54.0	6.4	41.7	57.7	7.0	V

Above 18GHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	DC 5V	Polarization:	--
Test Mode:	TX Mode		

REMARK:

The measured value have enough margin over 20dB than the limit, therefore they are not reported.

Note：All modes have been tested, All TX Mode, the worst case

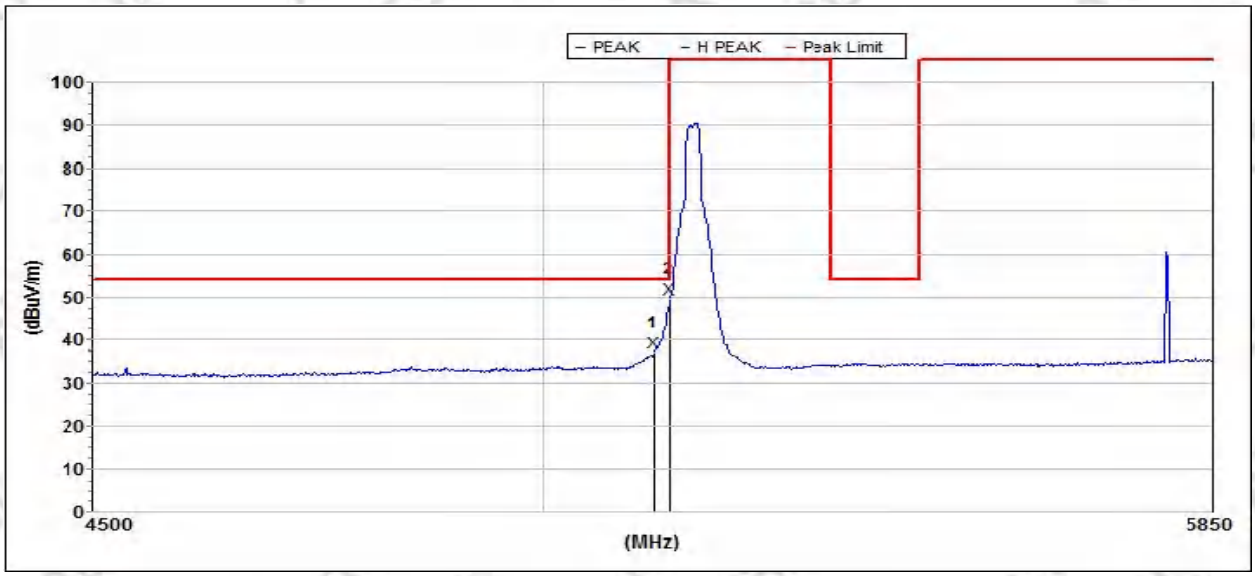
is(5150MHz-5250MHz),(5250MHz-5350MHz),(5470MHz-5725MHz),(5725MHz-5850MHz)802.11a,802.11n20,802.11n40,802.11ac80, only show the worst case

3.2.7.2. FOR RESTRICTED BANDS OF OPERATION

(5150MHz-5250MHz)

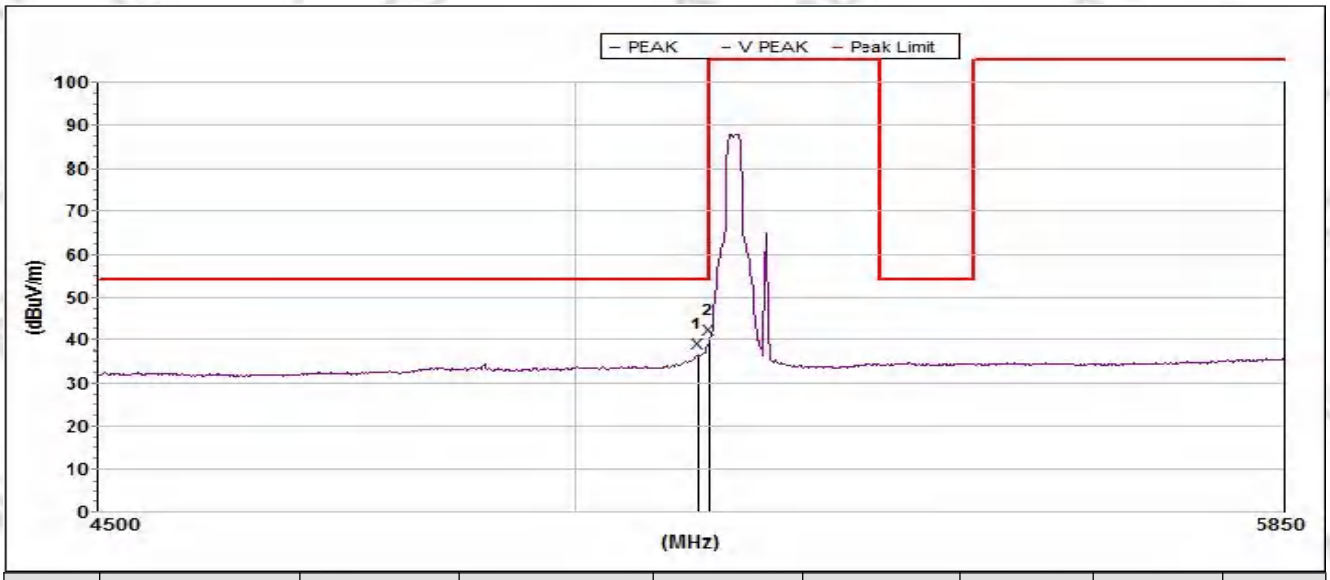
GFSK-Low

802.11a_5180MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5130.789413	37.1	54.0	16.9	33.0	57.5	3.7	H
2	5150.000000	49.8	54.0	4.2	33.0	57.5	3.7	H

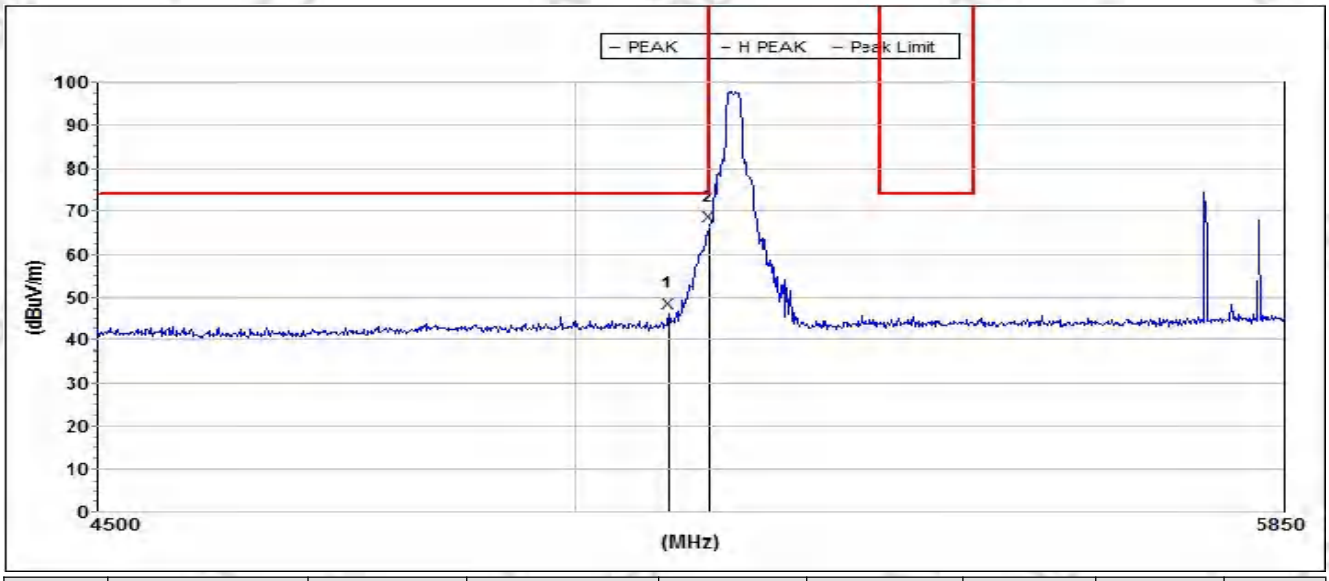
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5137.524509	37.0	54.0	17.0	33.0	57.5	3.7	V
2	5150.000000	40.0	54.0	14.0	33.0	57.5	3.7	V

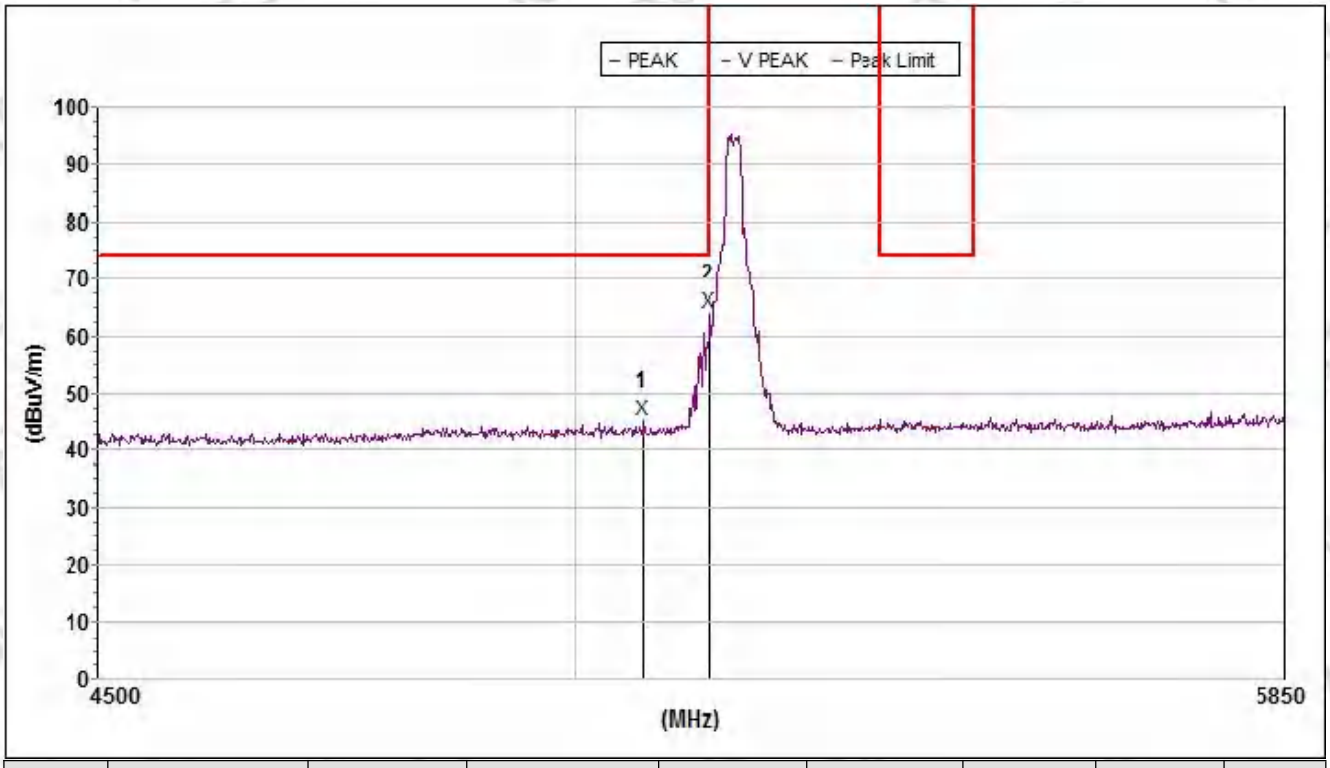
GFSK-Low

802.11a_5180MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak:								
1	5105.276476	46.3	74.0	27.7	33.1	57.5	3.7	H
2	5150.000000	66.5	74.0	7.5	33.0	57.5	3.7	H

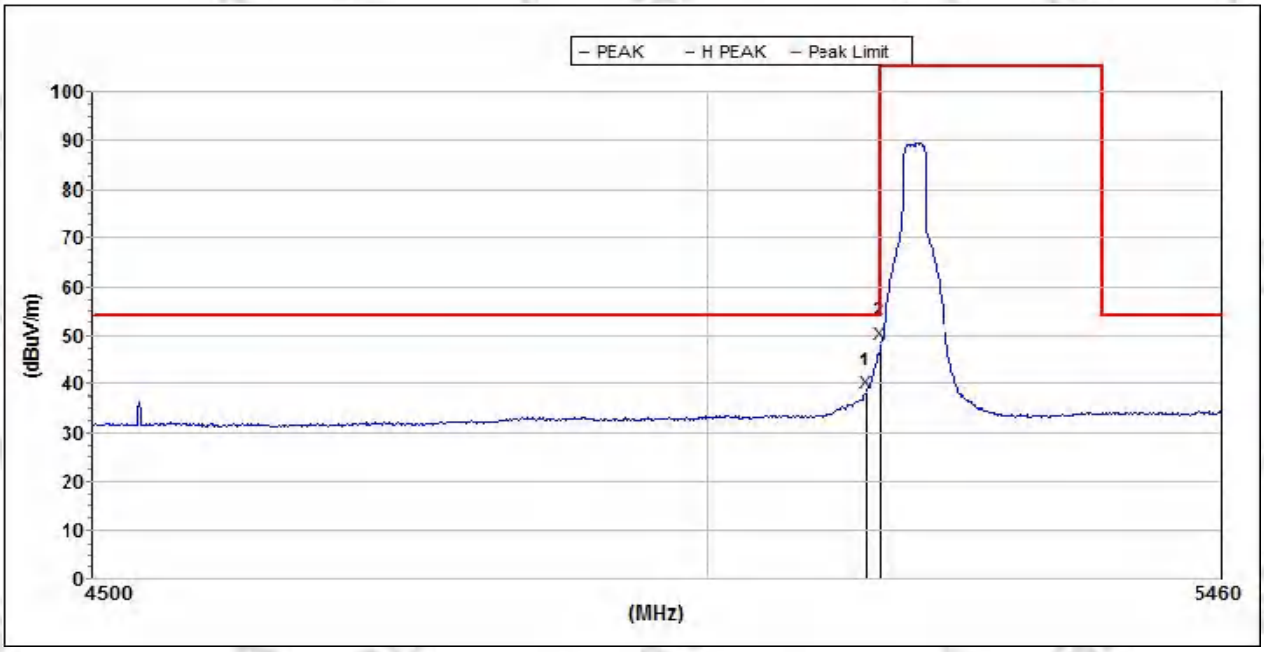
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak:								
1	5077.225538	45.4	74.0	28.6	33.1	57.4	3.7	V
2	5150.000000	64.3	74.0	9.7	33.0	57.5	3.7	V

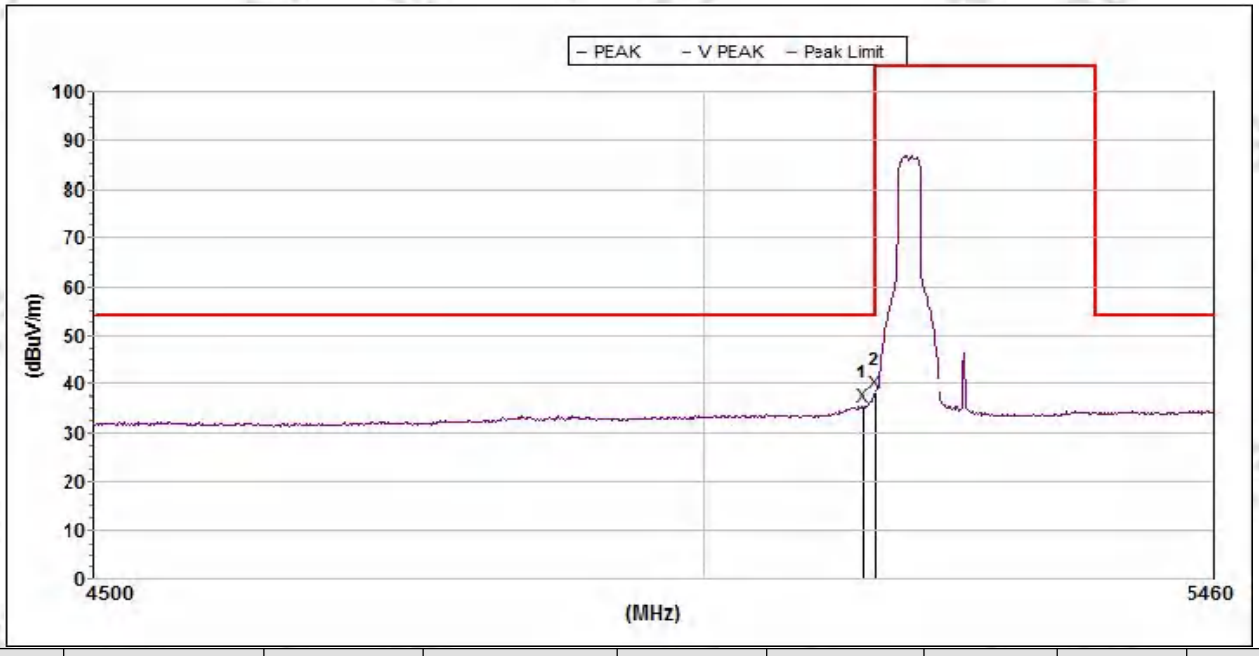
GFSK-Low

802.11n20_5180MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5137.347013	38.0	54.0	16.0	33.0	57.5	3.7	H
2	5150.000000	48.2	54.0	5.8	33.0	57.5	3.7	H

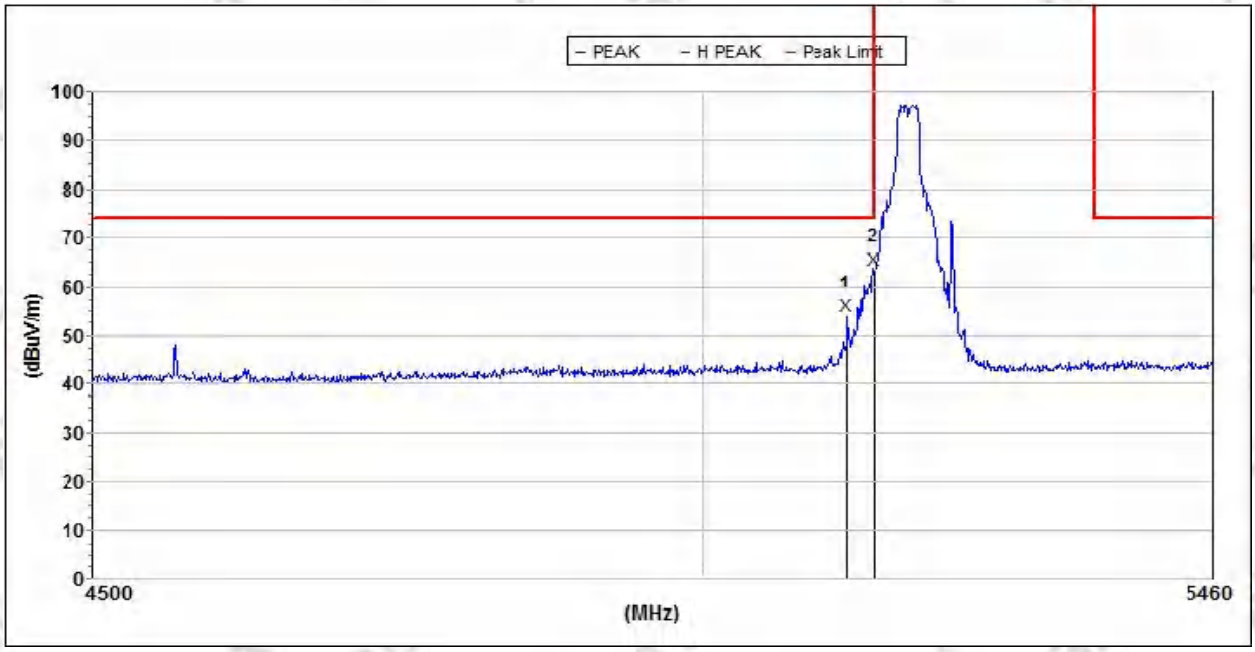
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5139.334230	35.6	54.0	18.4	33.0	57.5	3.7	V
2	5150.000000	38.1	54.0	15.9	33.0	57.5	3.7	V

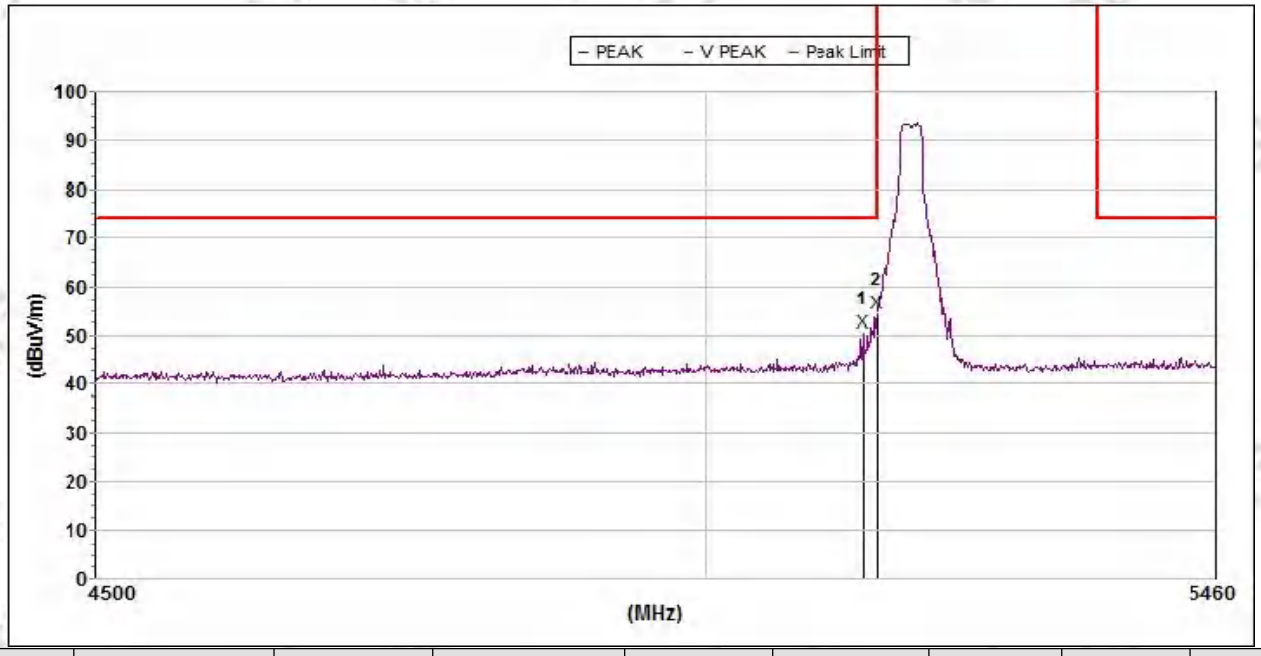
GFSK-Low

802.11n20_5180MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5126.431052	53.9	74.0	20.1	33.0	57.5	3.7	H
2	5150.000000	63.6	74.0	10.4	33.0	57.5	3.7	H

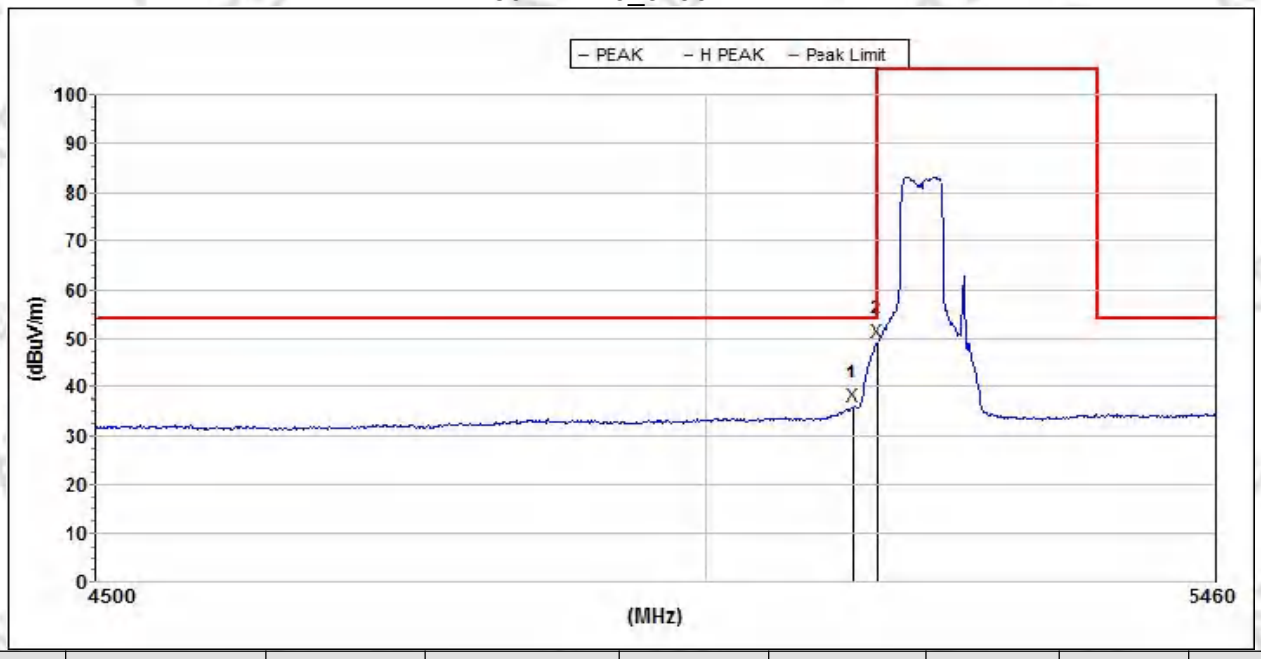
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5137.347013	50.8	74.0	23.2	33.0	57.5	3.7	V
2	5150.000000	54.6	74.0	19.4	33.0	57.5	3.7	V

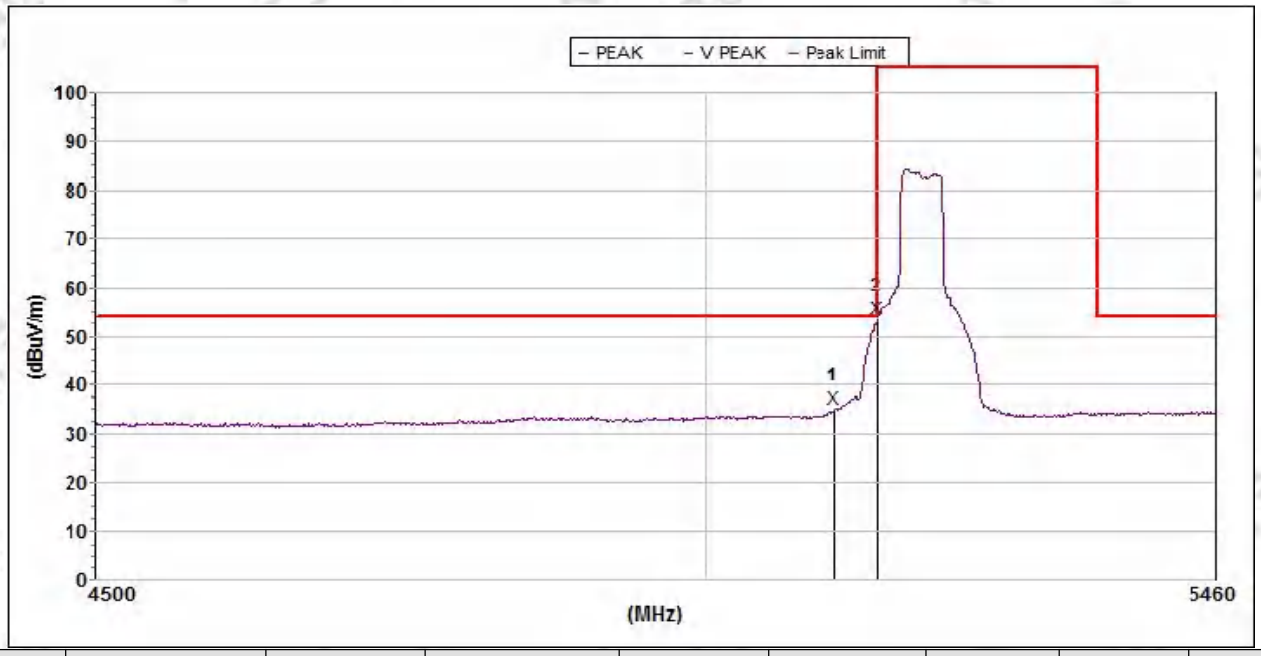
GFSK-Low

802.11n40_5190MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5129.405830	36.2	54.0	17.8	33.0	57.5	3.7	H
2	5150.000000	49.4	54.0	4.6	33.0	57.5	3.7	H

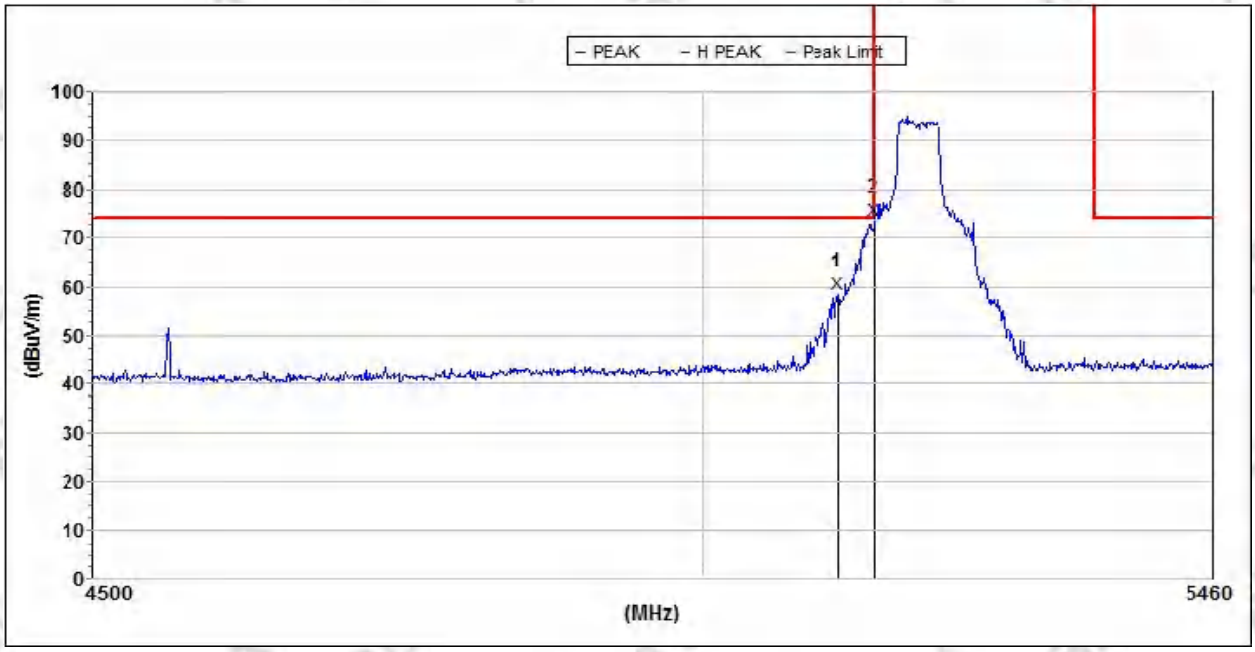
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5112.571549	35.3	54.0	18.7	33.1	57.5	3.7	V
2	5150.000000	53.5	54.0	0.5	33.0	57.5	3.7	V

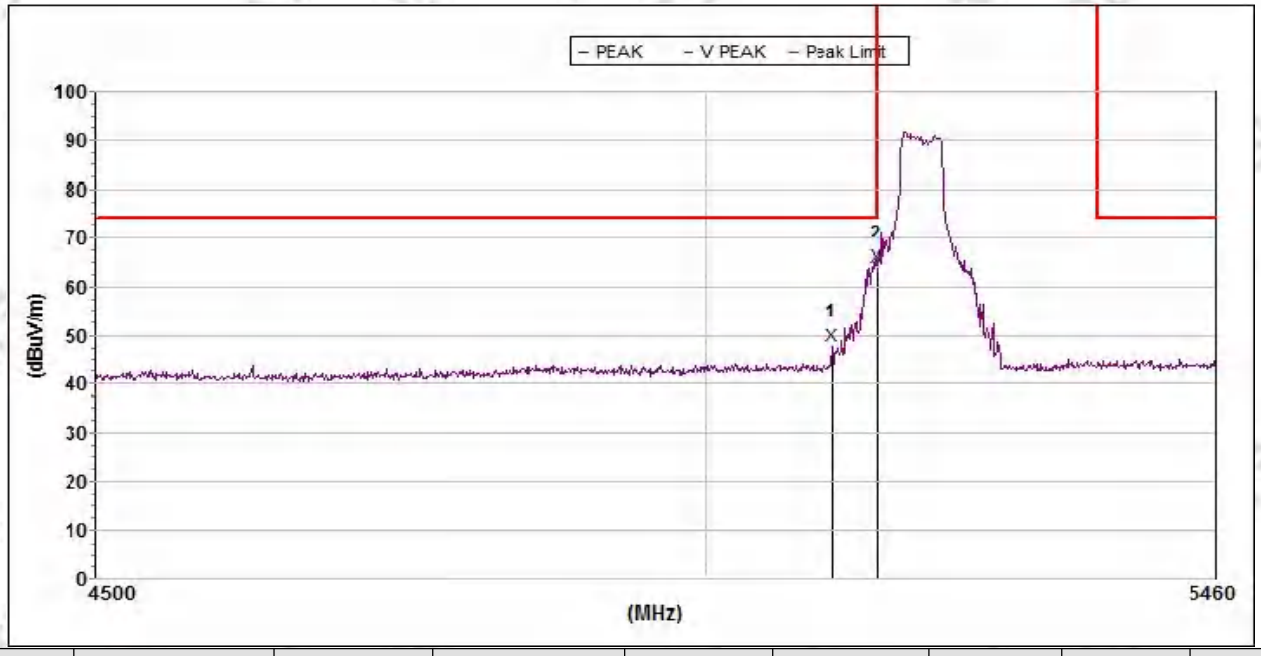
GFSK-Low

802.11n40_5190MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5118.506742	58.5	74.0	15.5	33.1	57.5	3.7	H
2	5150.000000	73.7	74.0	0.3	33.0	57.5	3.7	H

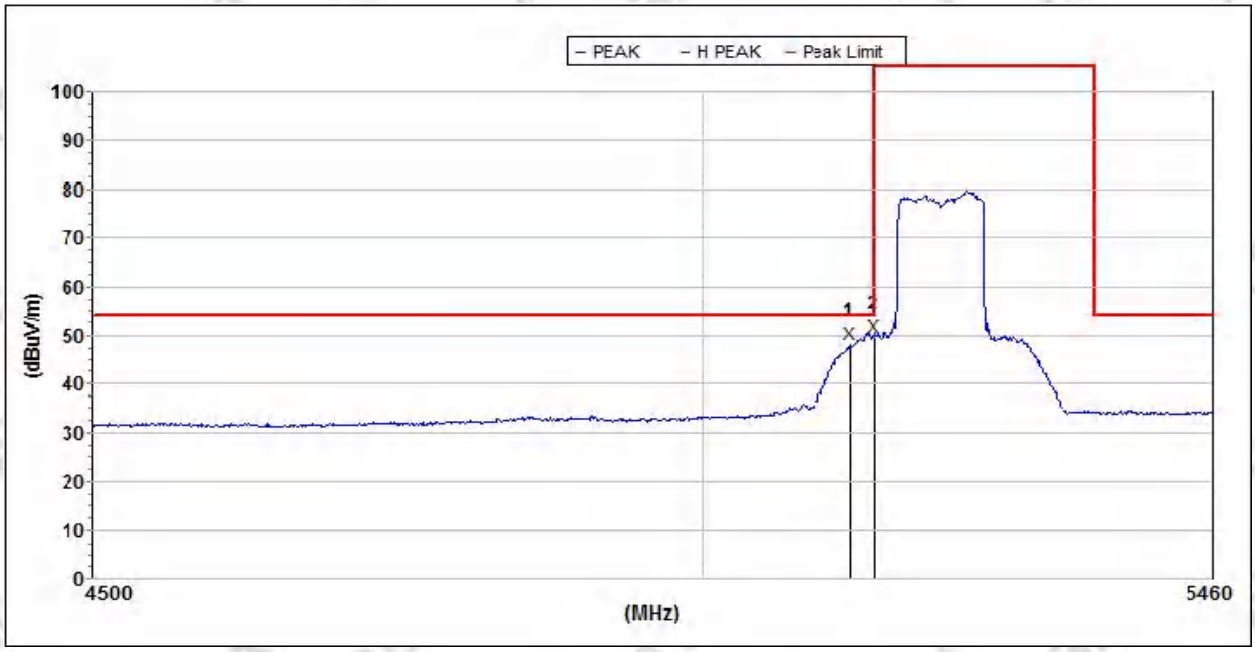
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5110.594681	48.1	74.0	25.9	33.1	57.5	3.7	V
2	5150.000000	64.3	74.0	9.7	33.0	57.5	3.7	V

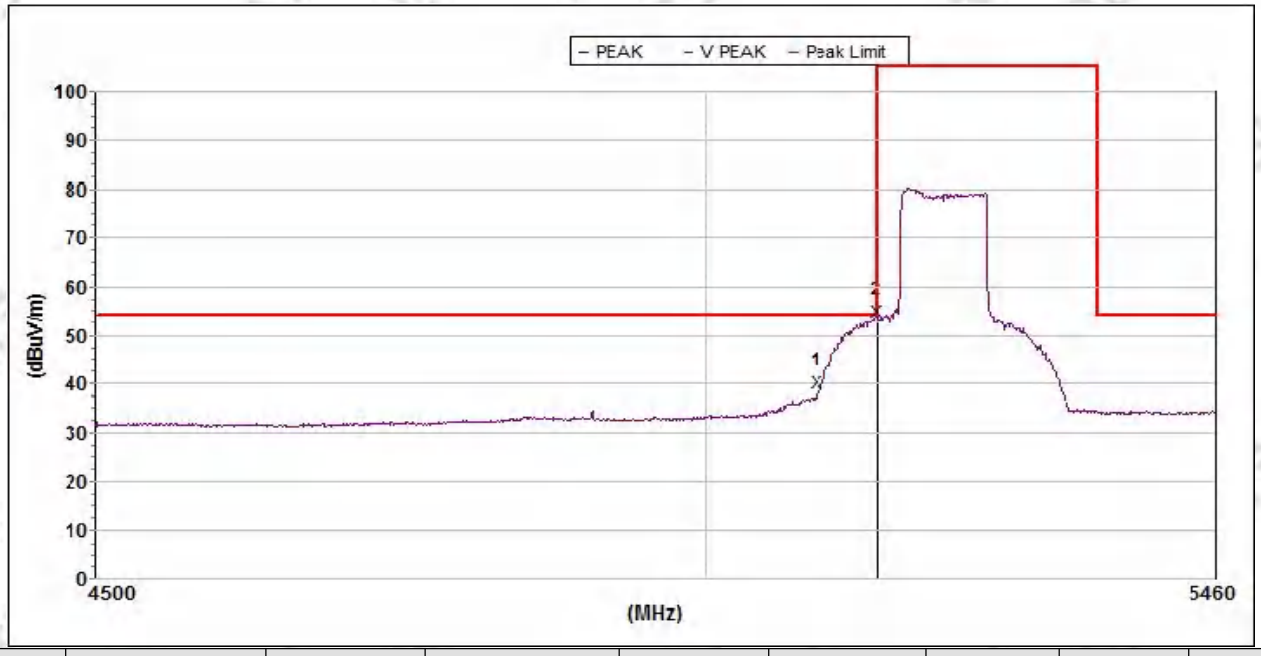
GFSK-Low

802.11ac80_5210MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5129.405830	48.3	54.0	5.7	33.0	57.5	3.7	H
2	5150.000000	49.7	54.0	4.3	33.0	57.5	3.7	H

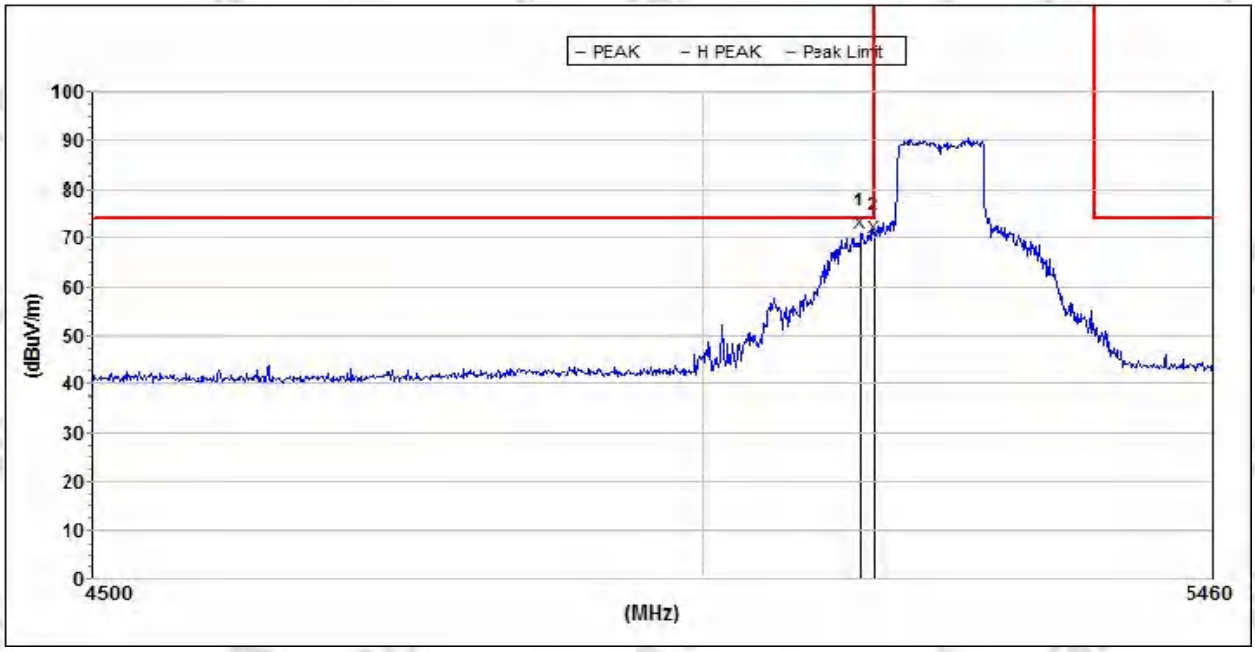
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5097.763659	38.0	54.0	16.0	33.1	57.5	3.7	V
2	5150.000000	52.7	54.0	1.3	33.0	57.5	3.7	V

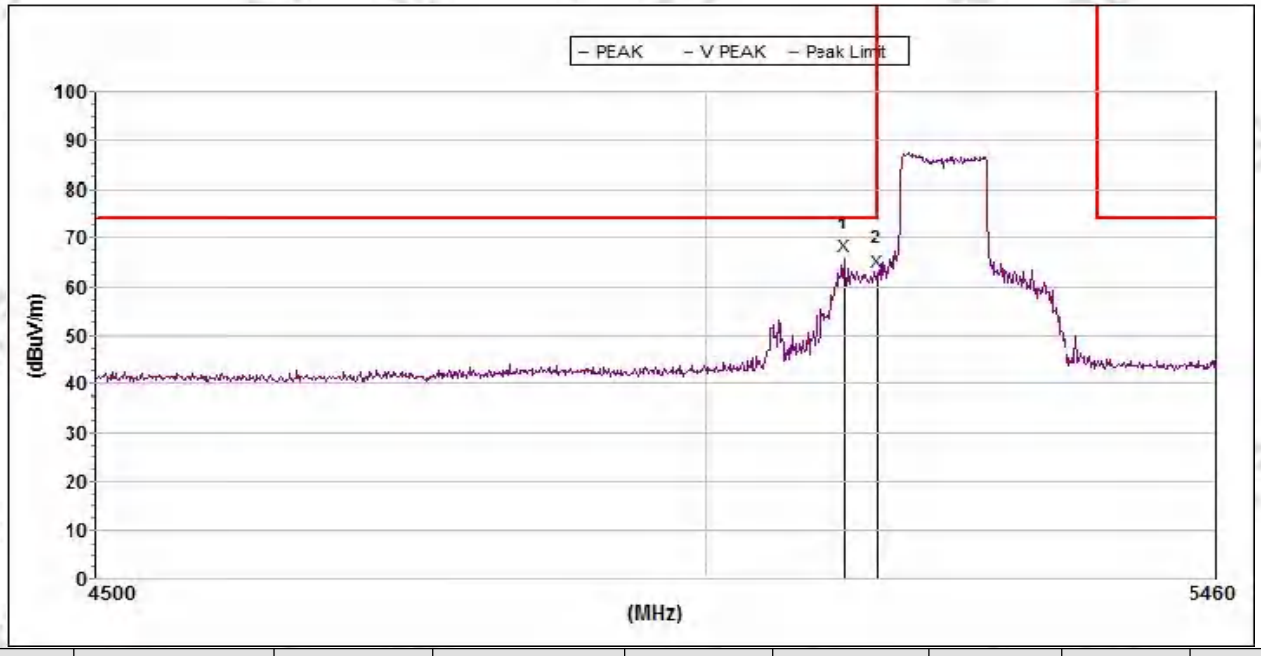
GFSK-Low

802.11ac80_5210MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5138.340525	71.2	74.0	2.8	33.0	57.5	3.7	H
2	5150.000000	70.2	74.0	3.8	33.0	57.5	3.7	H

Vertical

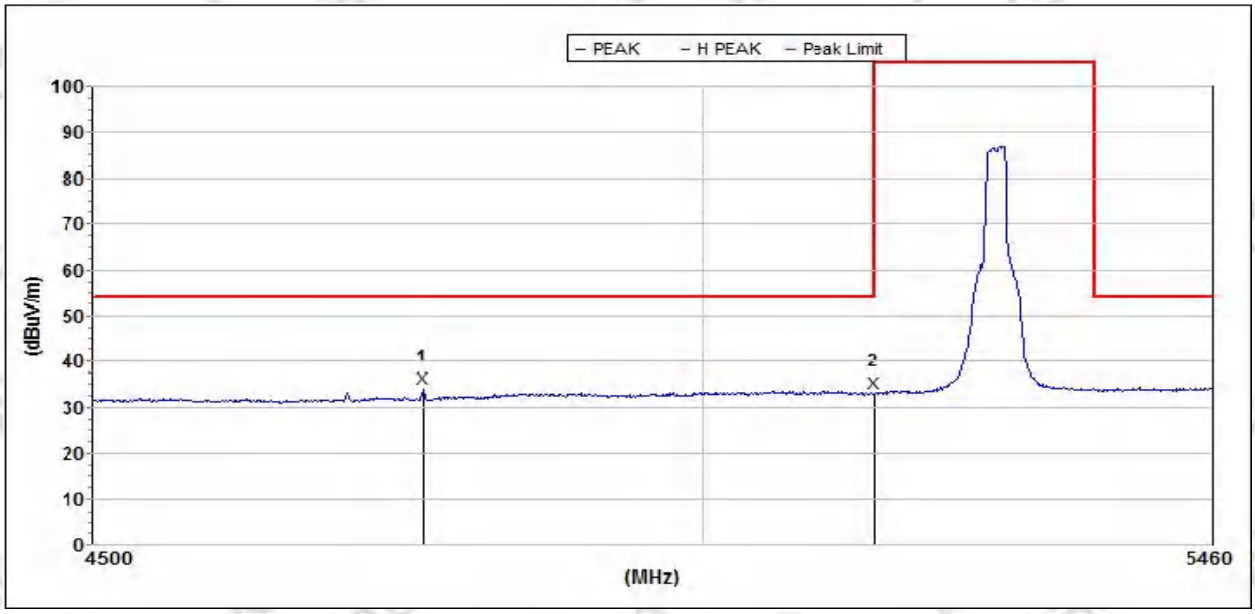


Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5120.486670	66.0	74.0	8.0	33.0	57.5	3.7	V
2	5150.000000	63.3	74.0	10.7	33.0	57.5	3.7	V

(5250MHz-5350MHz)

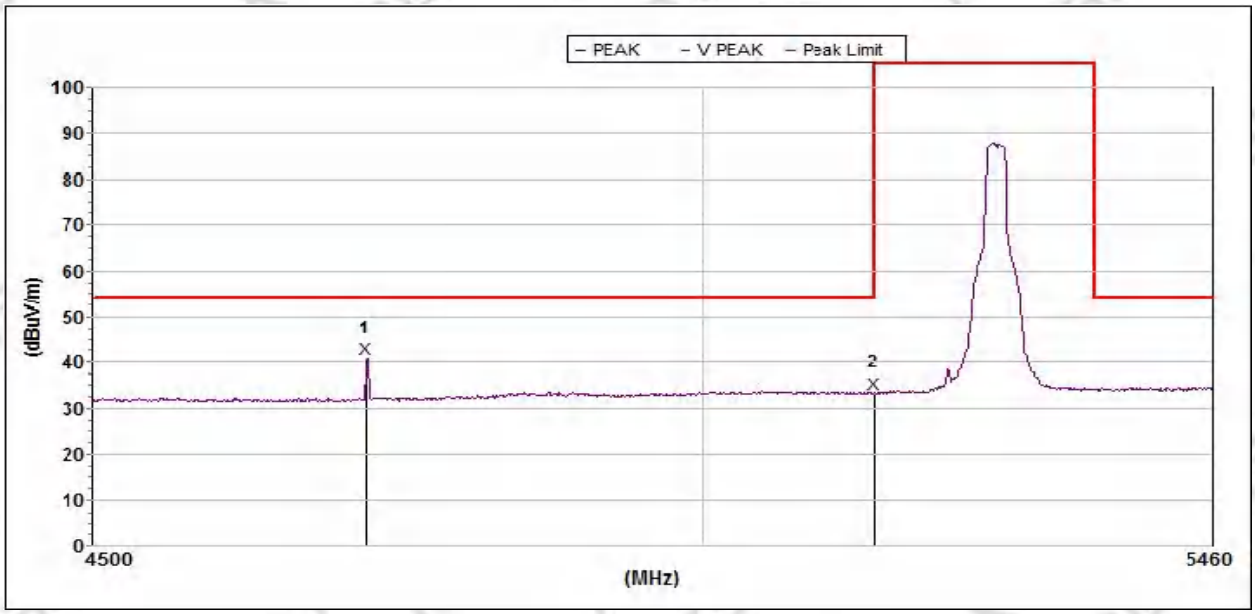
GFSK-Low

802.11a_5260MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	4764.163438	34.2	54.0	19.8	32.1	57.6	3.6	H
2	5150.000000	33.1	54.0	20.9	33.0	57.5	3.7	H

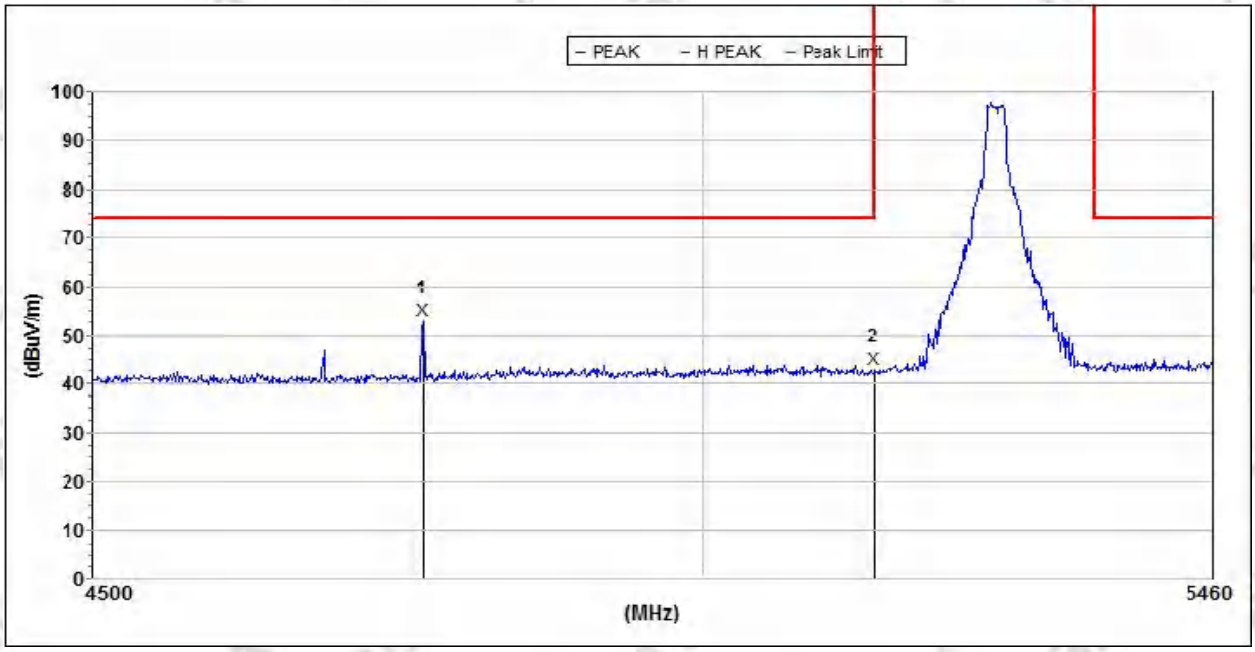
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	4718.322756	40.8	54.0	13.2	31.9	57.7	3.6	V
2	5150.000000	33.3	54.0	20.7	33.0	57.5	3.7	V

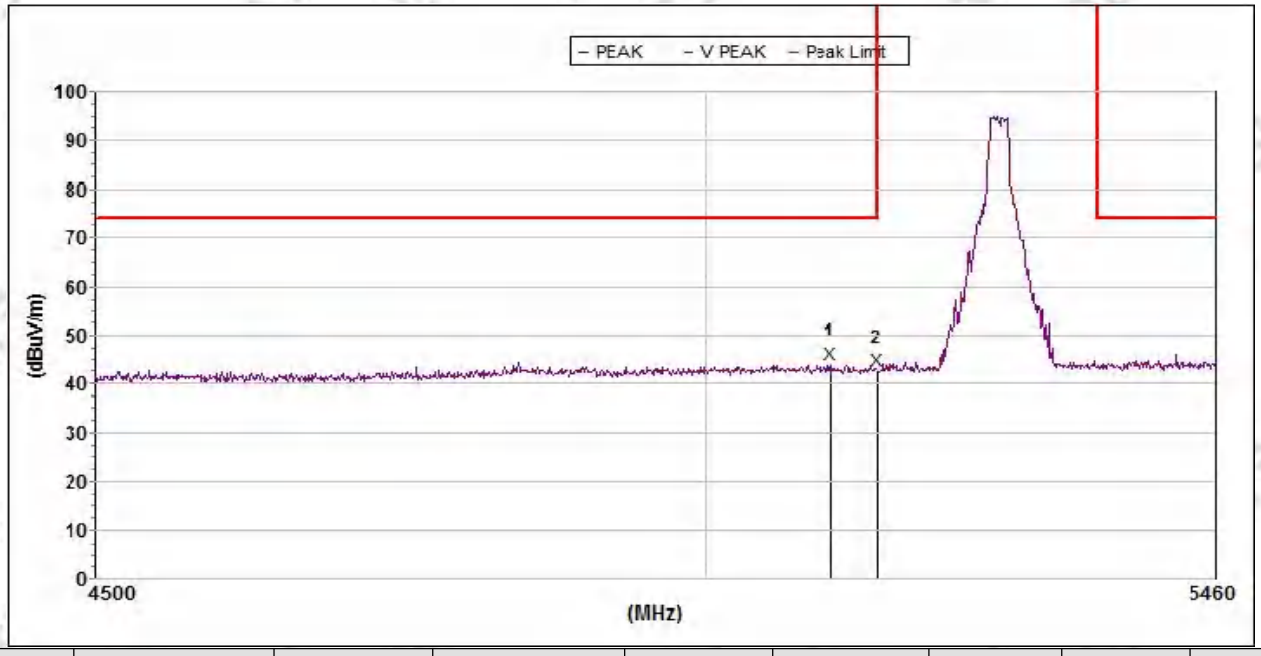
GFSK-Low

802.11a_5260MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	4763.242274	52.8	74.0	21.2	32.1	57.6	3.6	H
2	5150.000000	43.0	74.0	31.0	33.0	57.5	3.7	H

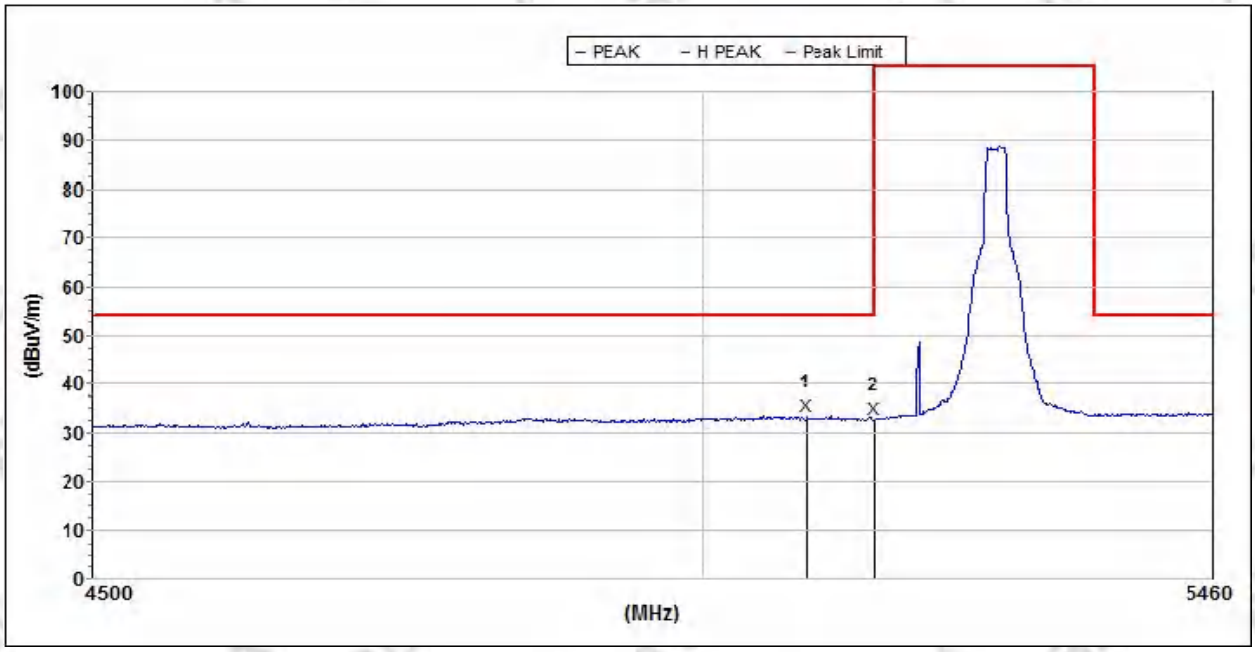
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5108.618577	44.0	74.0	30.0	33.1	57.5	3.7	V
2	5150.000000	42.8	74.0	31.2	33.0	57.5	3.7	V

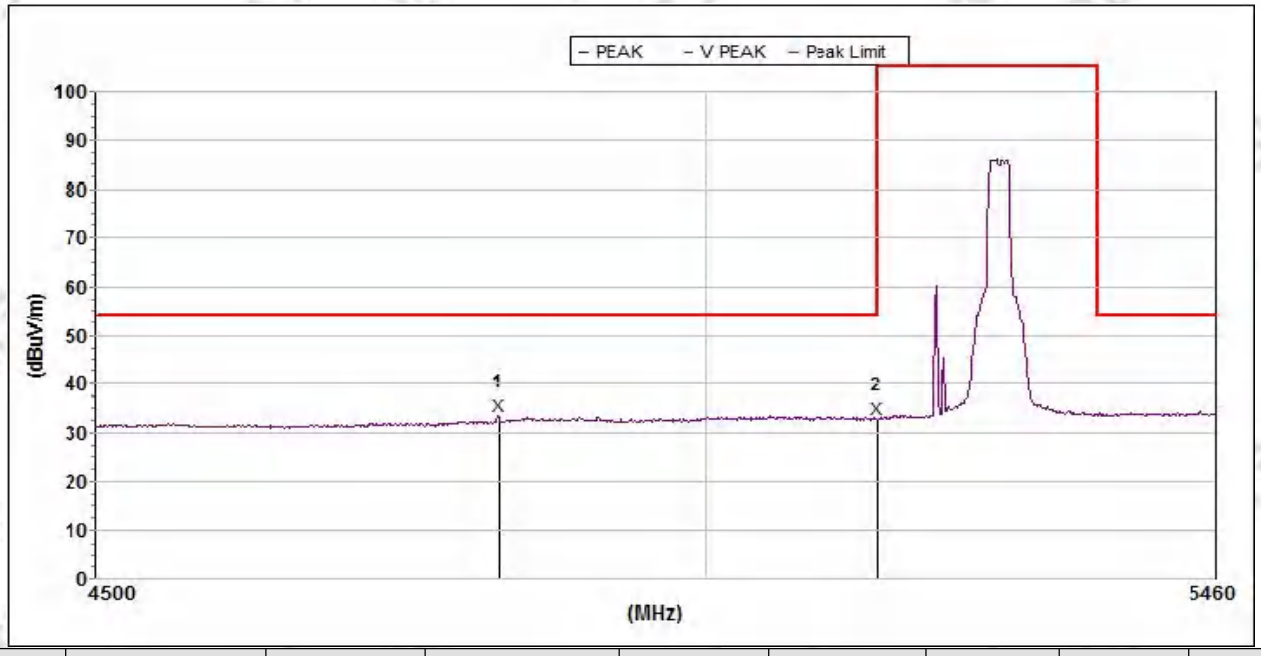
GFSK-Low

802.11n20_5260MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5089.883662	33.4	54.0	20.6	33.1	57.5	3.7	H
2	5150.000000	33.0	54.0	21.0	33.0	57.5	3.7	H

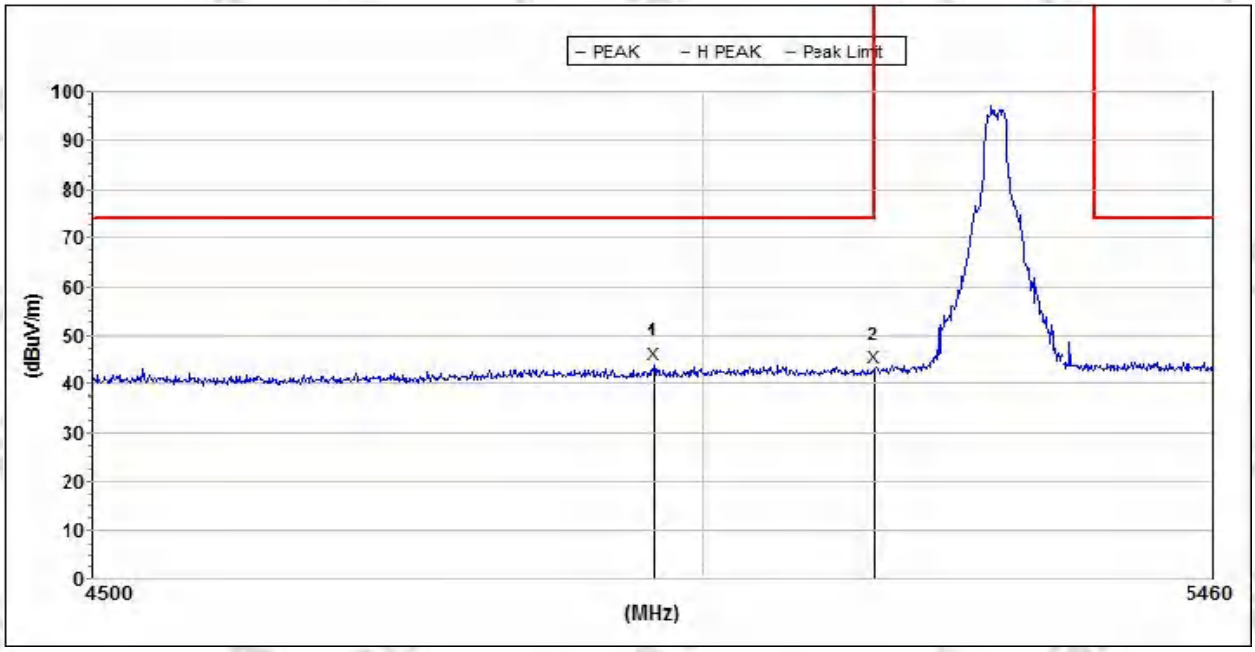
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	4824.422788	33.6	54.0	20.4	32.4	57.5	3.6	V
2	5150.000000	32.9	54.0	21.1	33.0	57.5	3.7	V

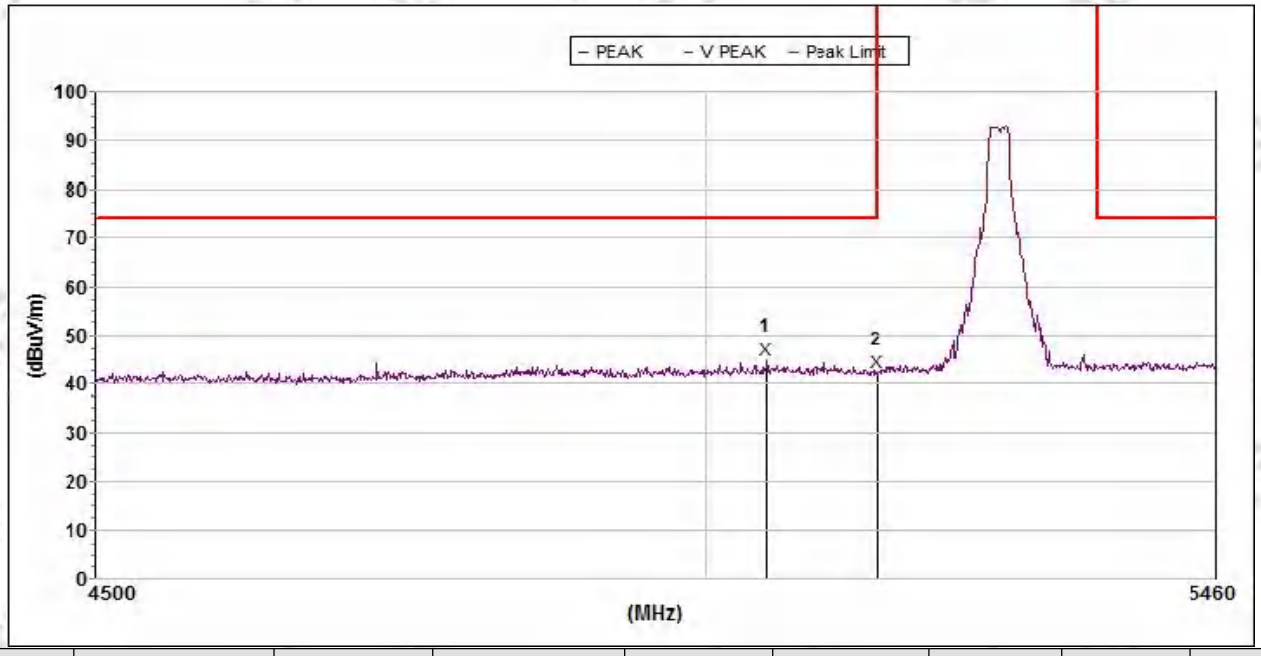
GFSK-Low

802.11n20_5260MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	4957.772091	44.0	74.0	30.0	32.9	57.4	3.6	H
2	5150.000000	43.4	74.0	30.6	33.0	57.5	3.7	H

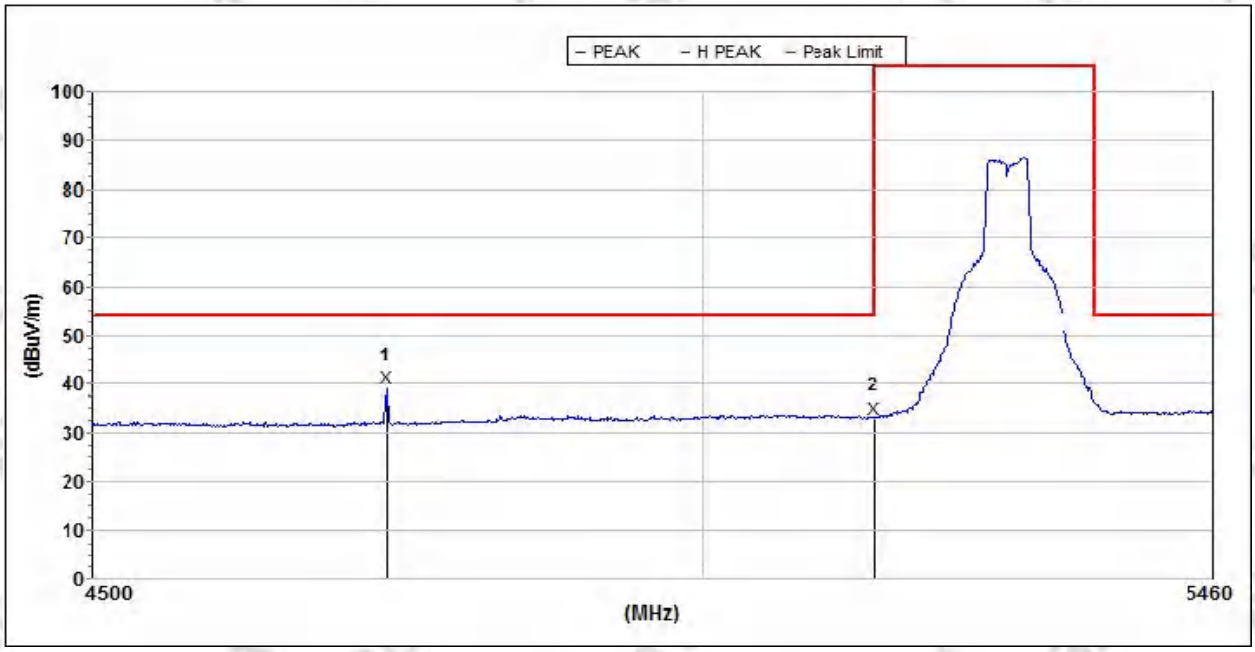
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5052.619700	45.1	74.0	28.9	33.0	57.4	3.7	V
2	5150.000000	42.5	74.0	31.5	33.0	57.5	3.7	V

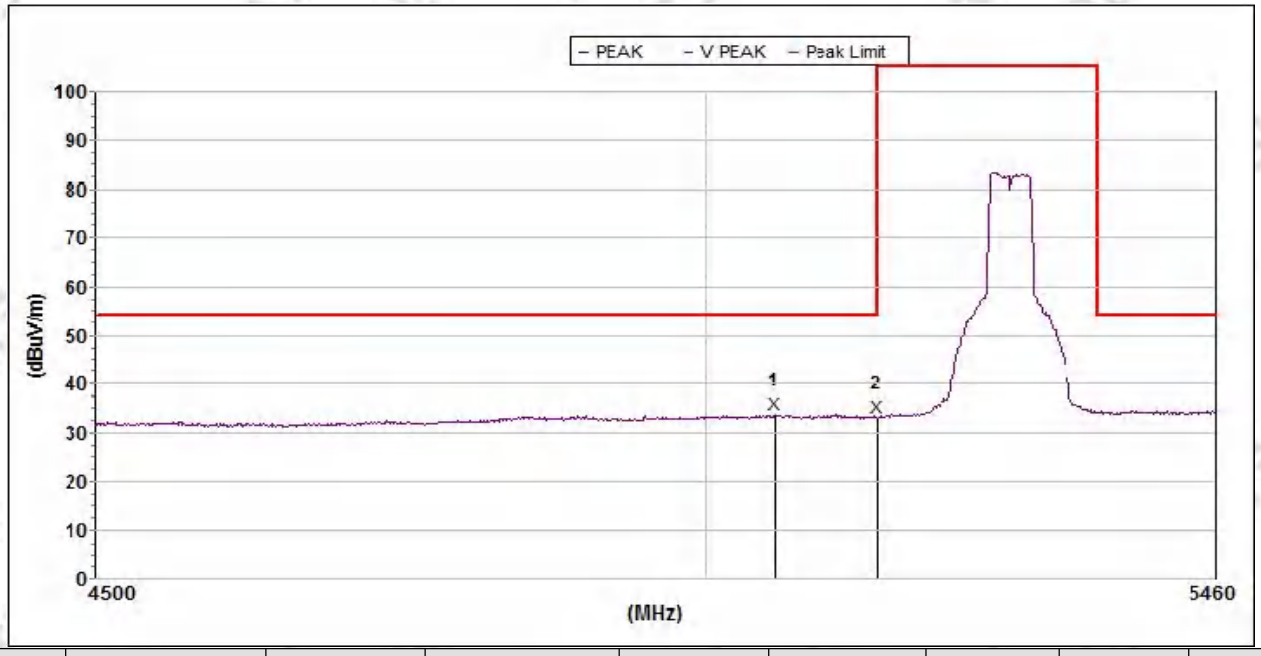
GFSK-Low

802.11n40_5270MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	4734.774366	39.3	54.0	14.7	32.0	57.7	3.6	H
2	5150.000000	33.0	54.0	21.0	33.0	57.5	3.7	H

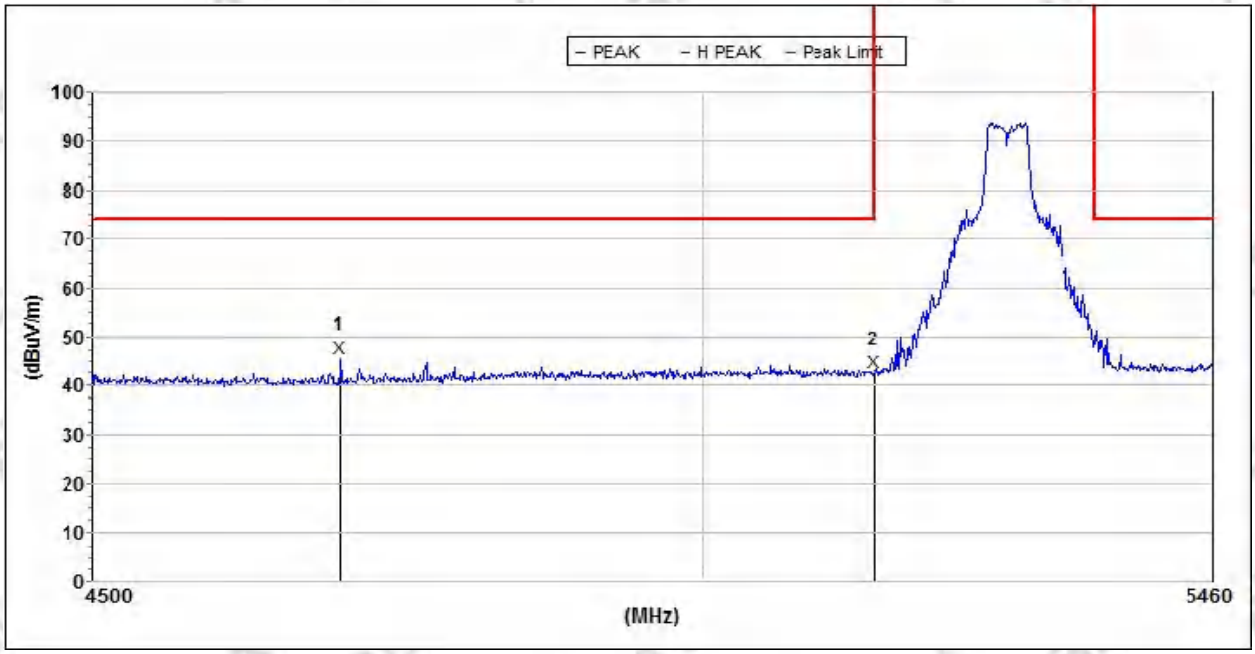
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5059.463555	33.8	54.0	20.2	33.0	57.4	3.7	V
2	5150.000000	33.2	54.0	20.8	33.0	57.5	3.7	V

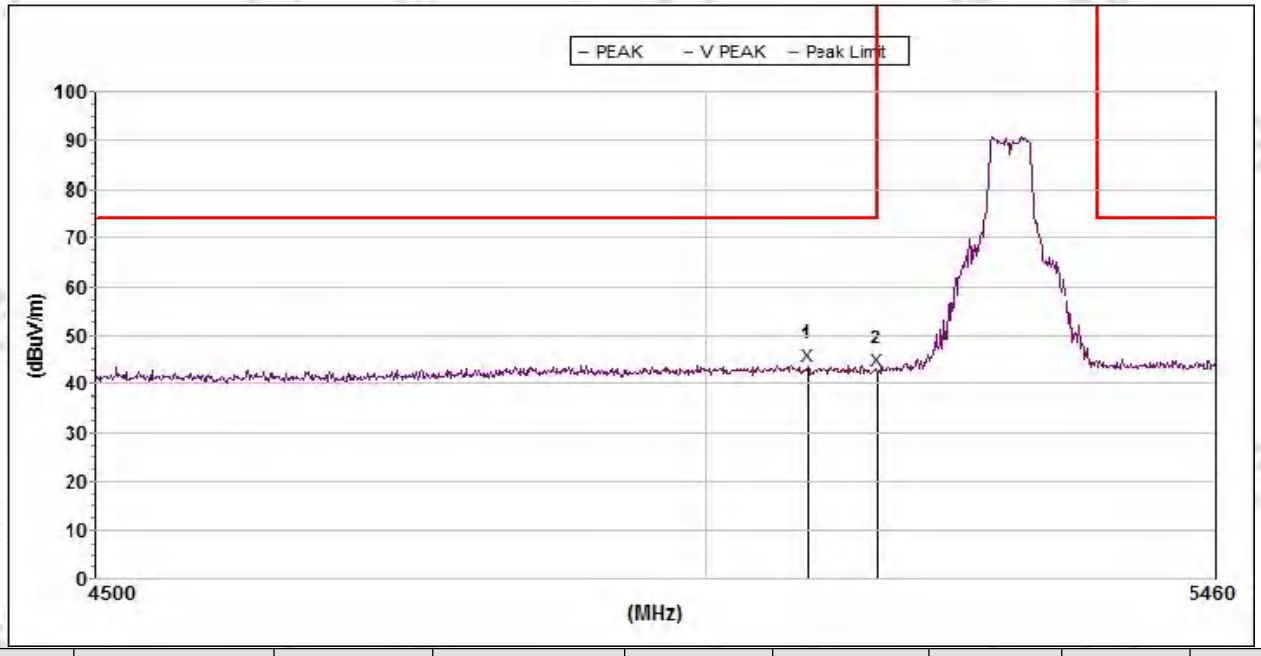
GFSK-Low

802.11n40_5270MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	4697.384413	45.8	74.0	28.2	31.9	57.8	3.6	H
2	5150.000000	42.9	74.0	31.1	33.0	57.5	3.7	H

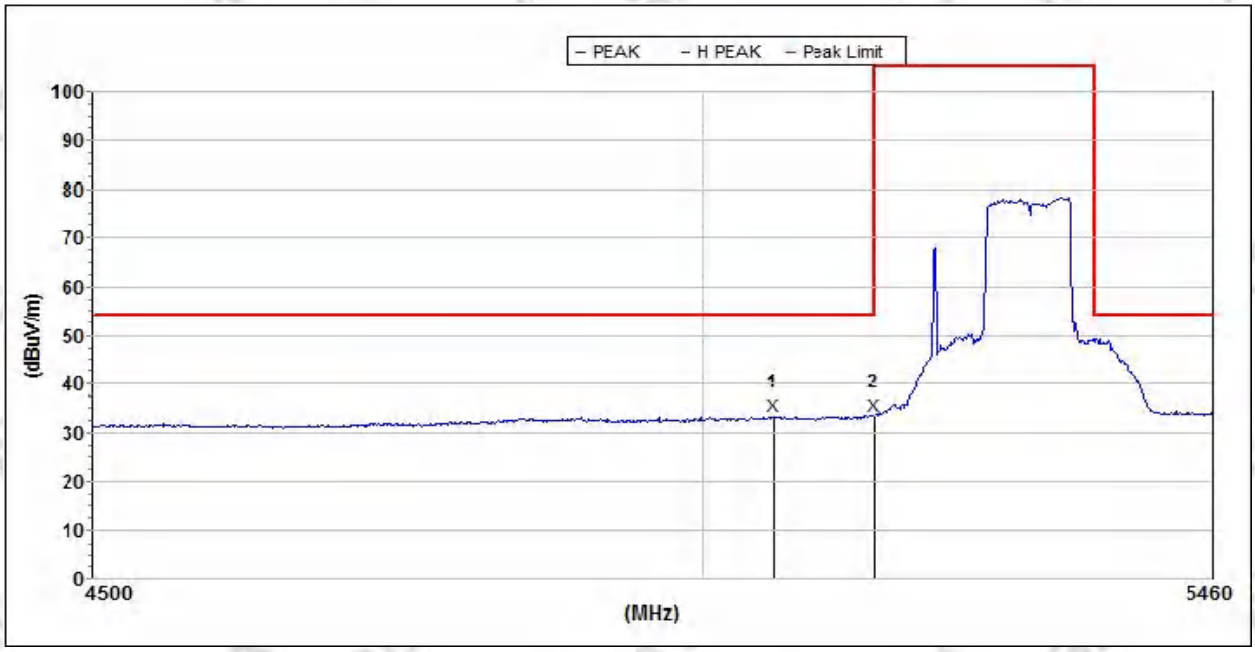
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5087.915567	43.6	74.0	30.4	33.1	57.5	3.7	V
2	5150.000000	42.9	74.0	31.1	33.0	57.5	3.7	V

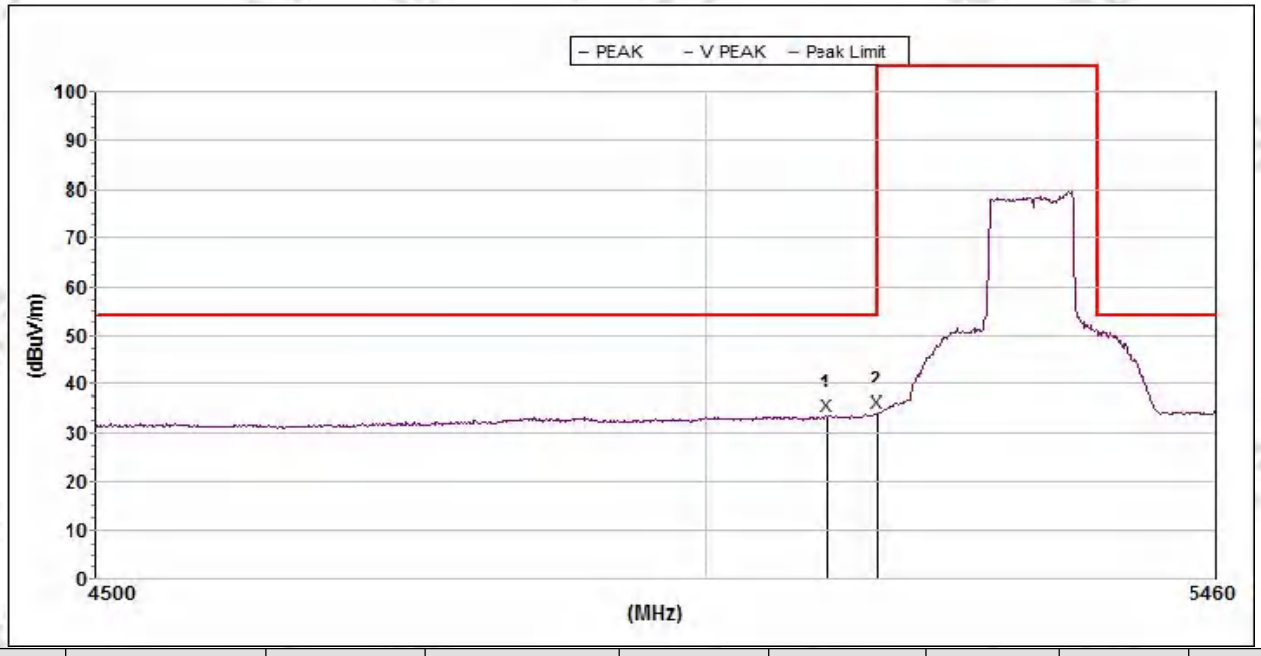
GFSK-Low

802.11ac80_5290MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5061.420645	33.4	54.0	20.6	33.0	57.4	3.7	H
2	5150.000000	33.7	54.0	20.3	33.0	57.5	3.7	H

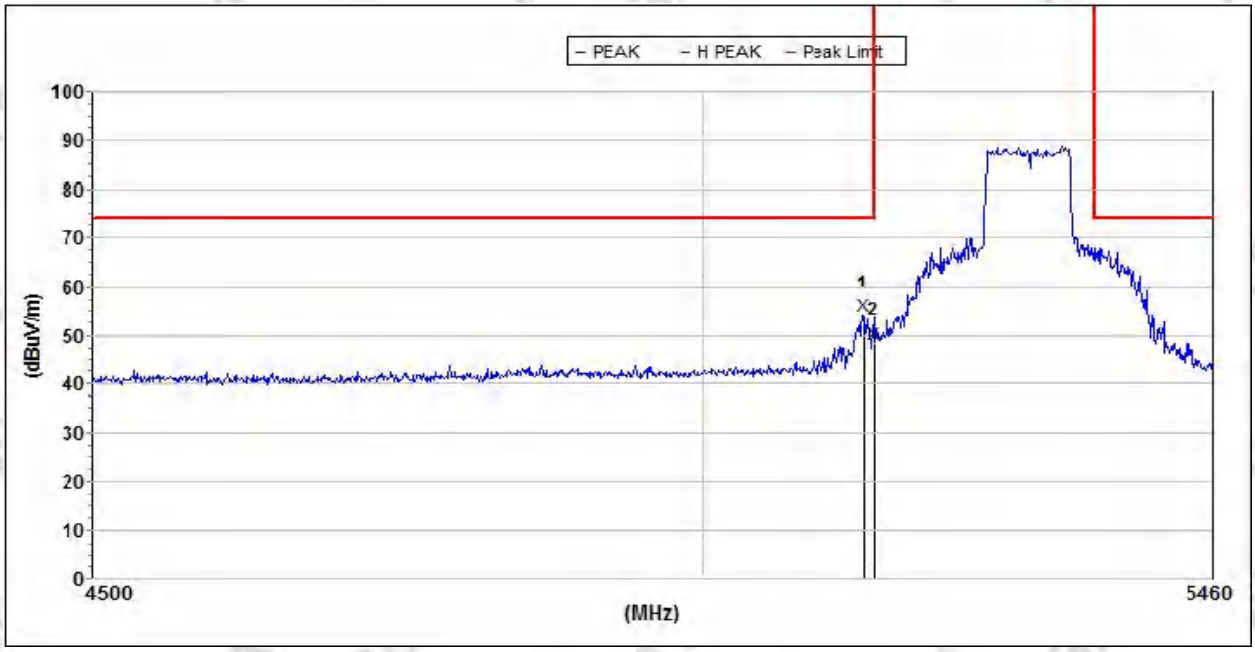
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5105.655855	33.7	54.0	20.3	33.1	57.5	3.7	V
2	5150.000000	34.2	54.0	19.8	33.0	57.5	3.7	V

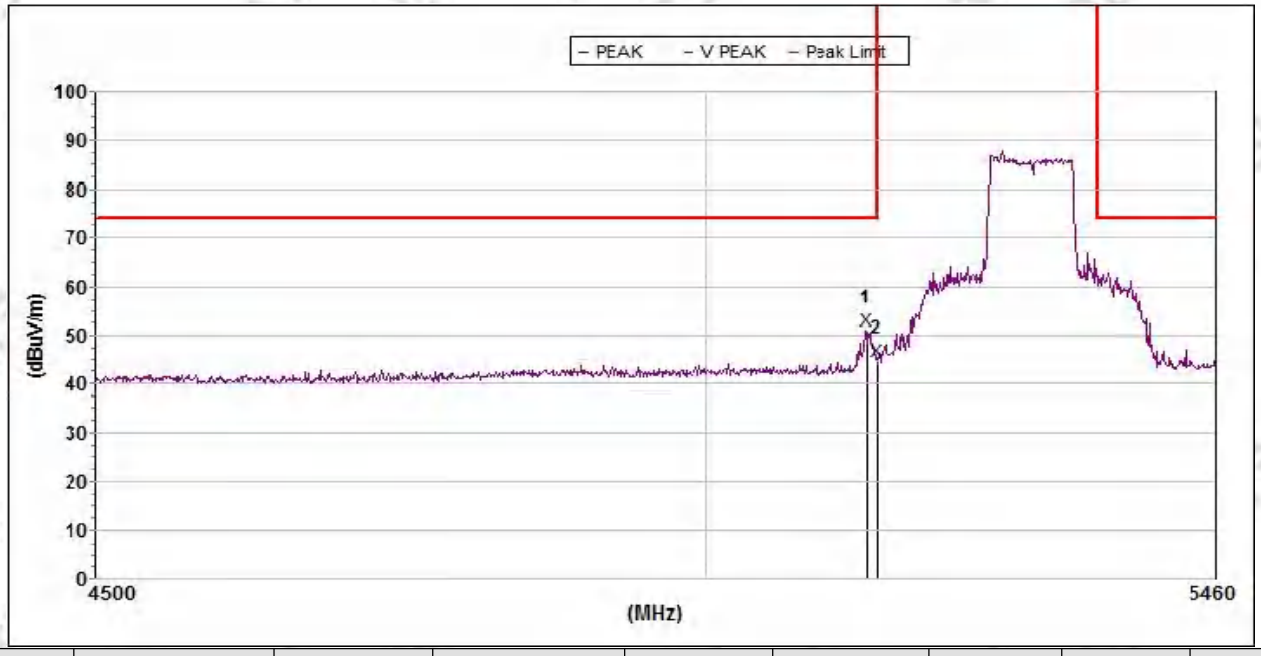
GFSK-Low

802.11ac80_5290MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5140.328126	54.1	74.0	19.9	33.0	57.5	3.7	H
2	5150.000000	48.5	74.0	25.5	33.0	57.5	3.7	H

Vertical

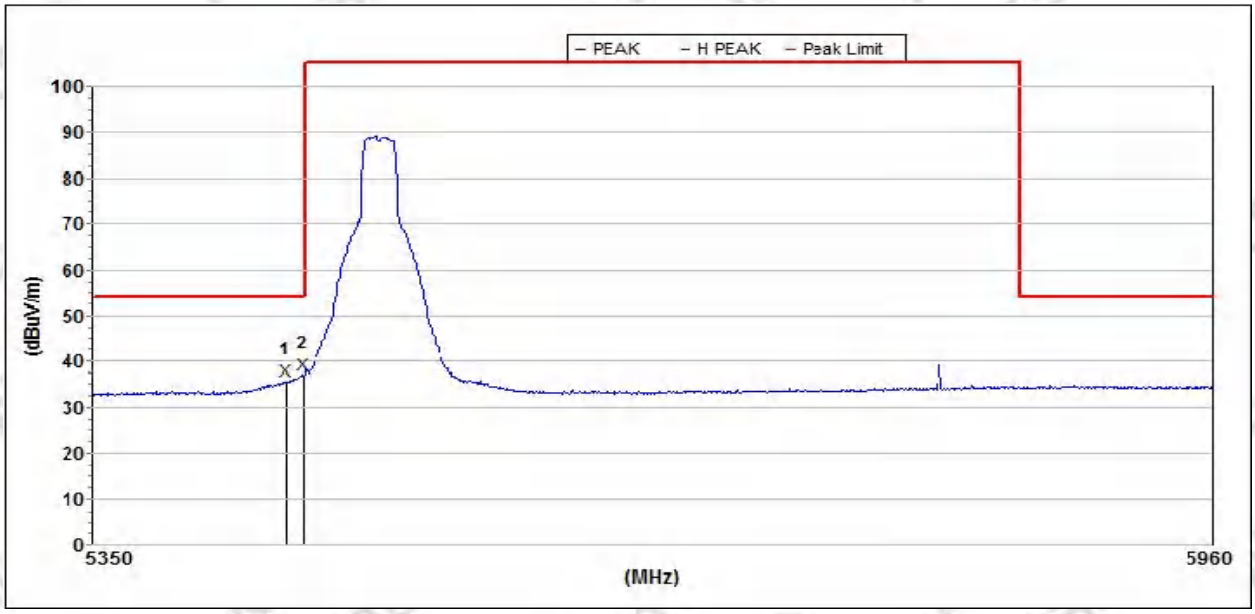


Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5140.328126	51.1	74.0	22.9	33.0	57.5	3.7	V
2	5150.000000	44.7	74.0	29.3	33.0	57.5	3.7	V

(5470MHz-5725MHz)

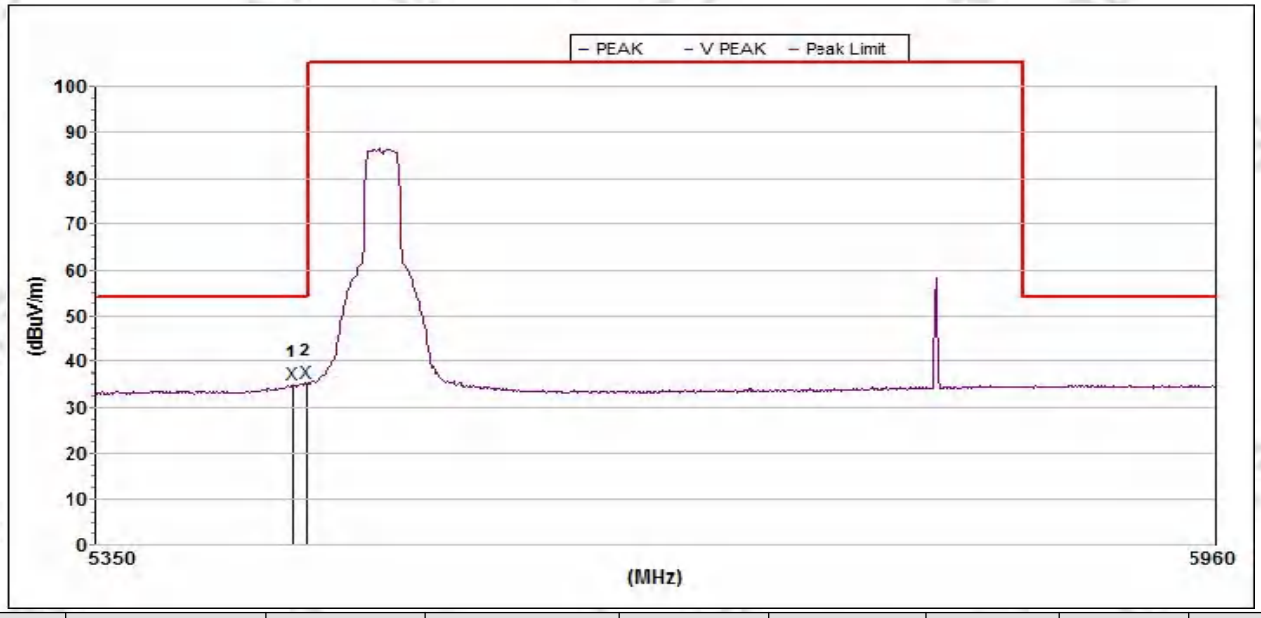
GFSK-Low

802.11a_5500MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5450.285950	35.7	54.0	18.3	32.8	58.1	3.9	H
2	5460.000000	37.3	54.0	16.7	32.8	58.1	4.0	H

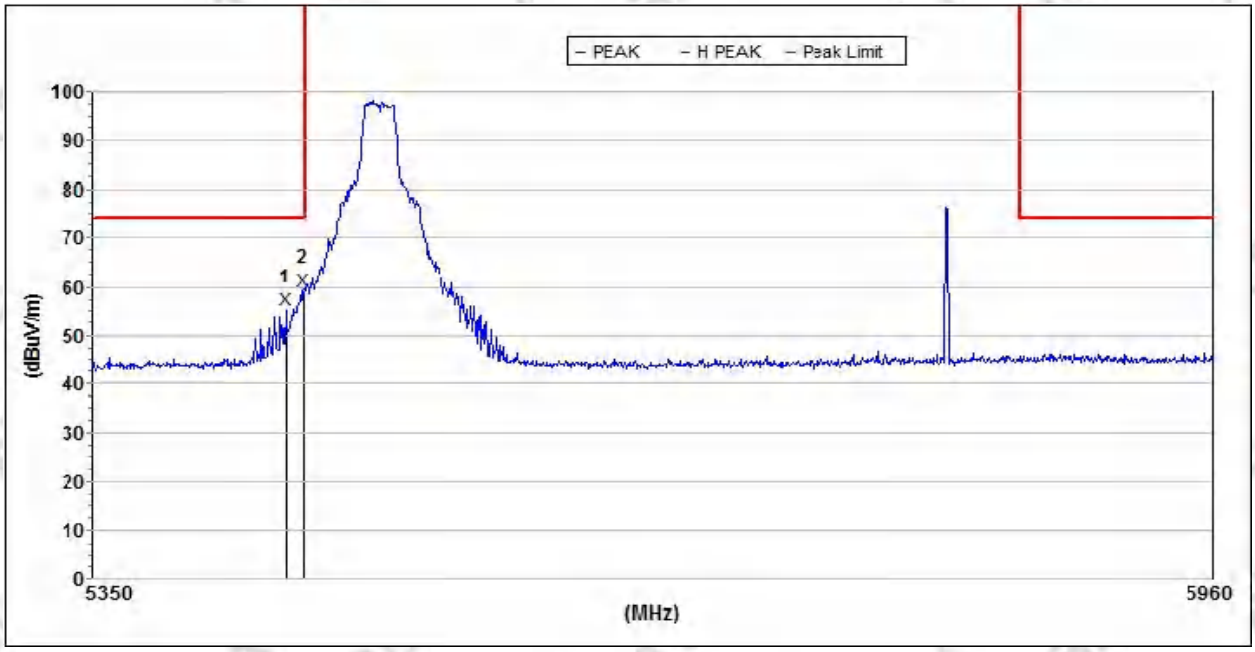
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5452.051702	35.1	54.0	18.9	32.8	58.1	3.9	V
2	5460.000000	35.4	54.0	18.6	32.8	58.1	4.0	V

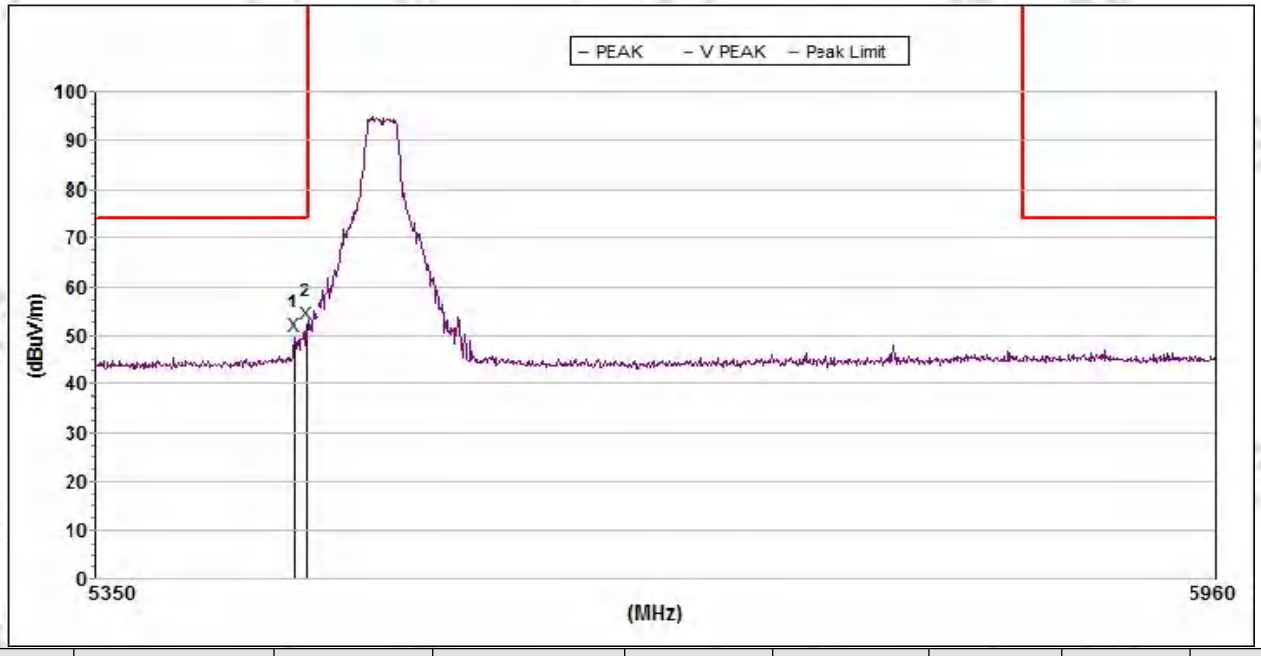
GFSK-Low

802.11a_5500MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5450.285950	55.1	74.0	18.9	32.8	58.1	3.9	H
2	5460.000000	59.3	74.0	14.7	32.8	58.1	4.0	H

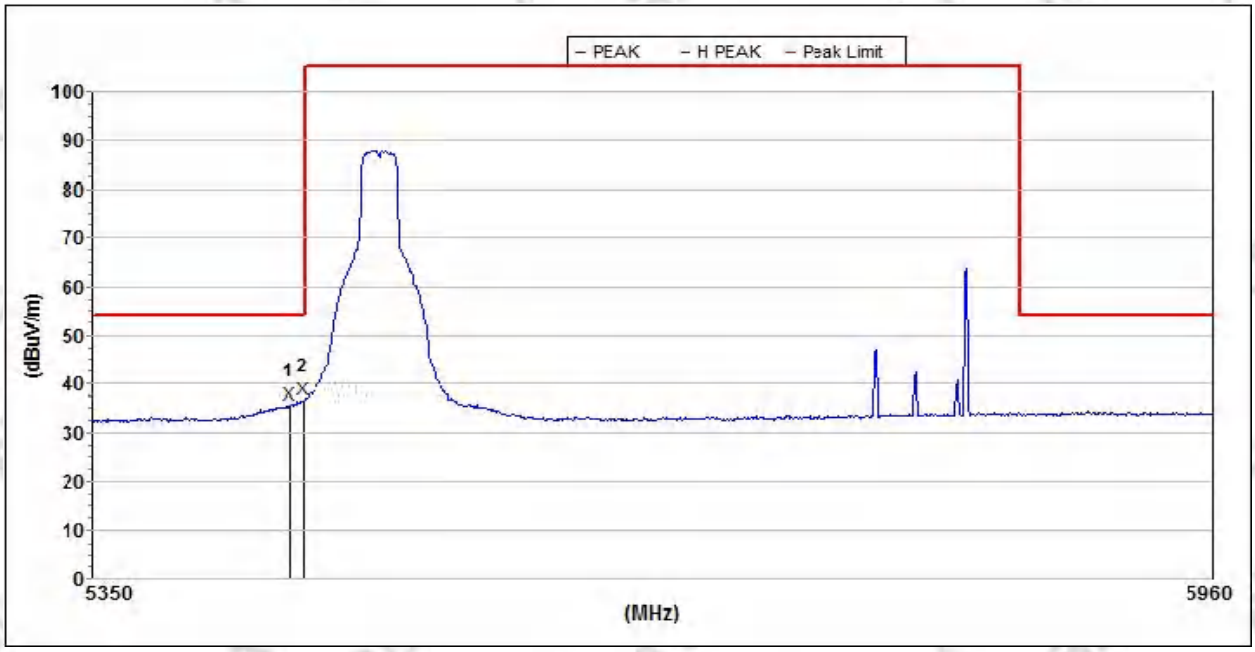
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5453.229188	50.1	74.0	23.9	32.8	58.1	3.9	V
2	5460.000000	52.4	74.0	21.6	32.8	58.1	4.0	V

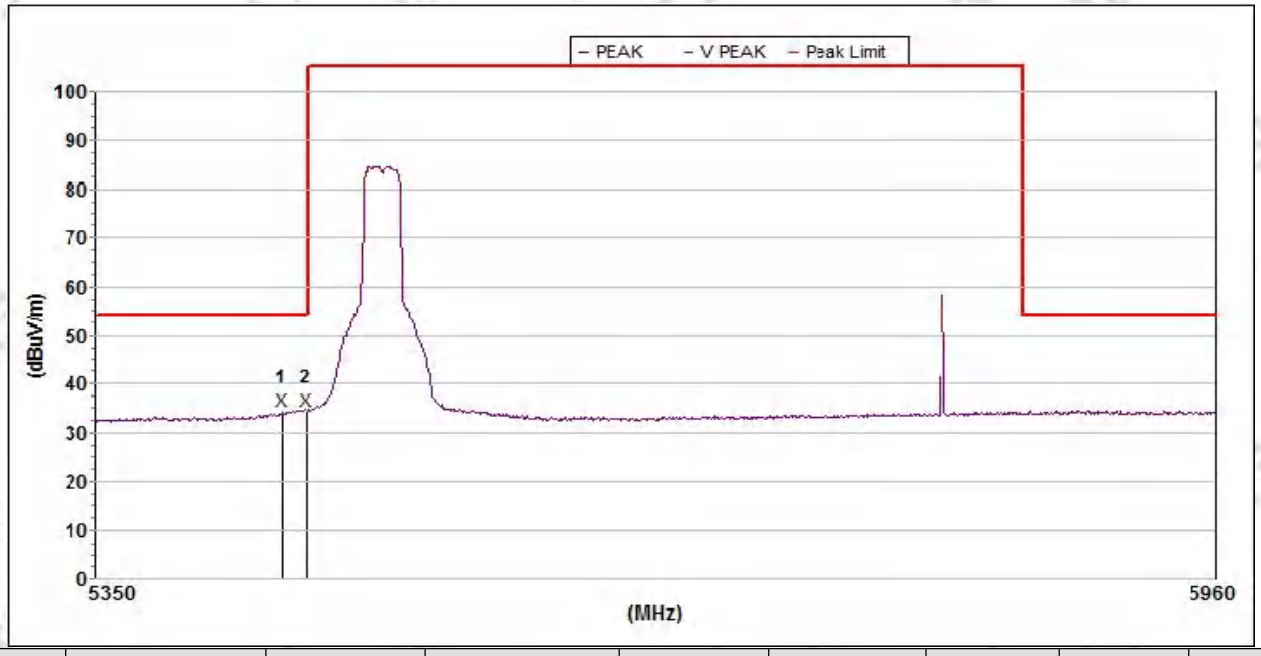
GFSK-Low

802.11n20_5500MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5452.051702	35.9	54.0	18.1	32.8	58.1	3.9	H
2	5460.000000	36.9	54.0	17.1	32.8	58.1	4.0	H

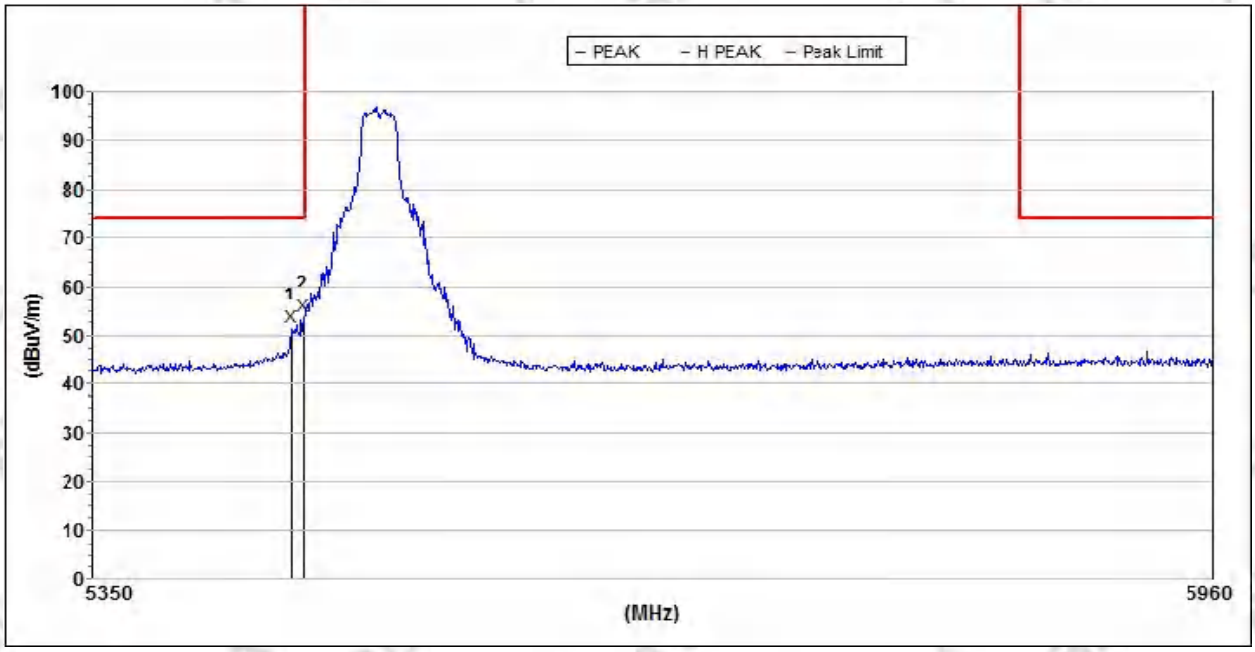
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5447.344300	34.4	54.0	19.6	32.8	58.1	3.9	V
2	5460.000000	34.7	54.0	19.3	32.8	58.1	4.0	V

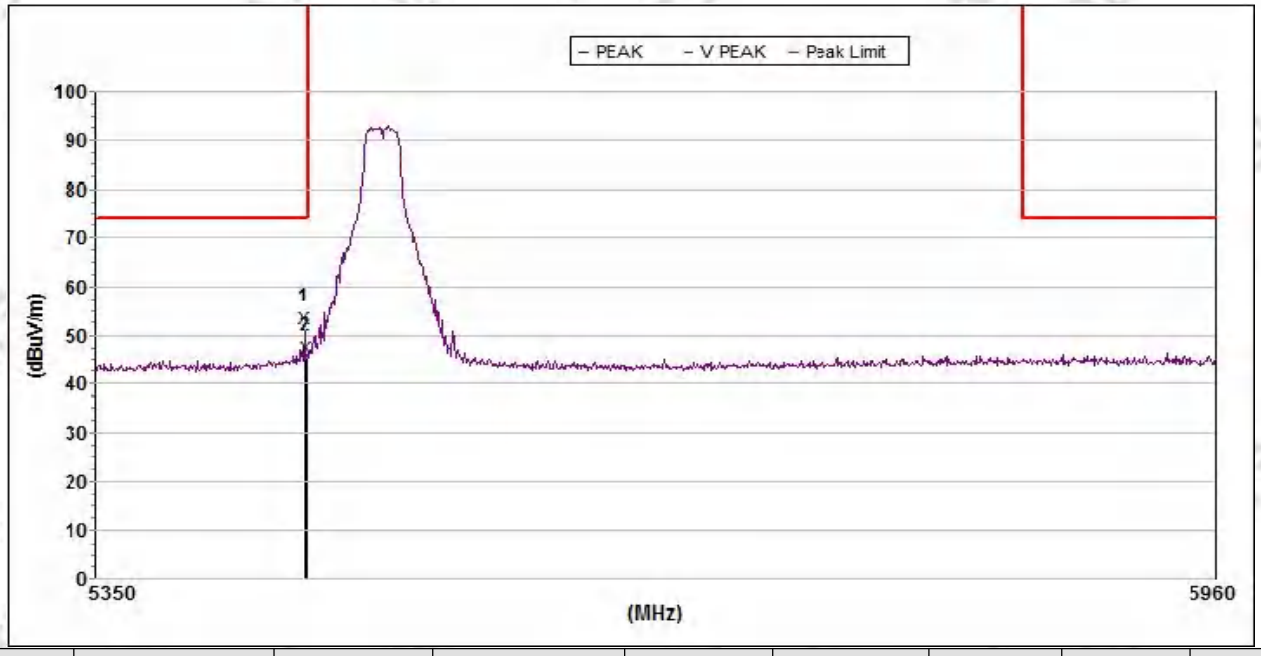
GFSK-Low

802.11n20_5500MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5453.229188	51.5	74.0	22.5	32.8	58.1	3.9	H
2	5460.000000	53.9	74.0	20.1	32.8	58.1	4.0	H

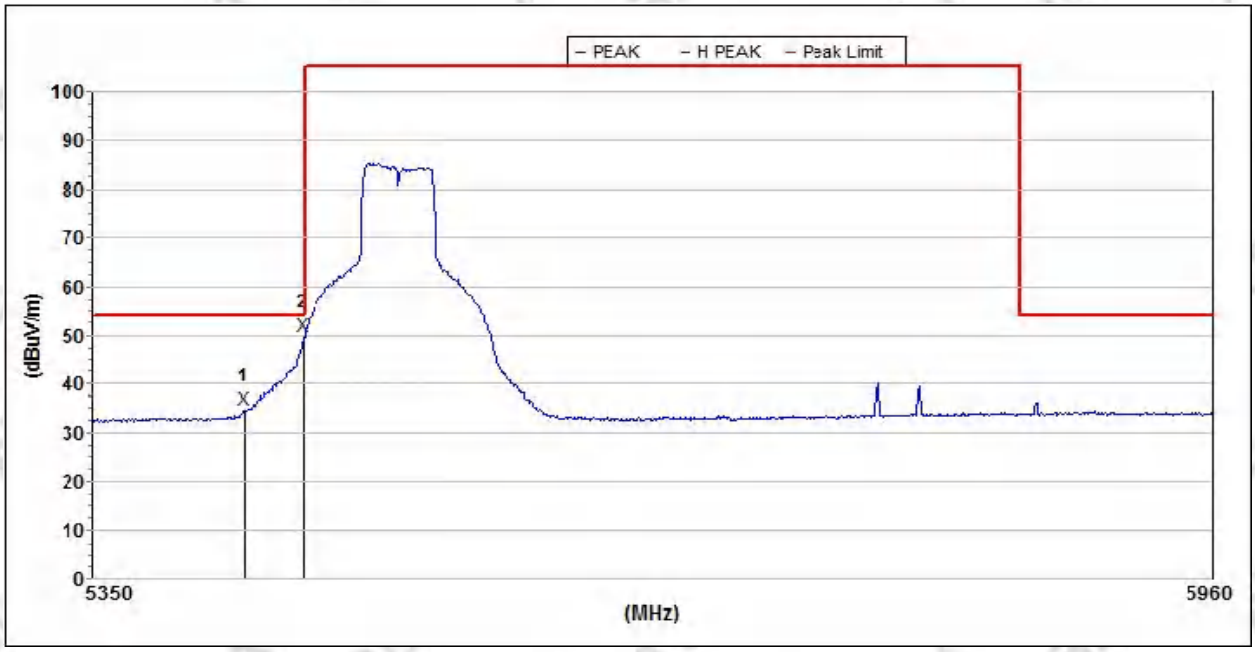
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5458.531023	51.2	74.0	22.8	32.8	58.1	4.0	V
2	5460.000000	45.3	74.0	28.7	32.8	58.1	4.0	V

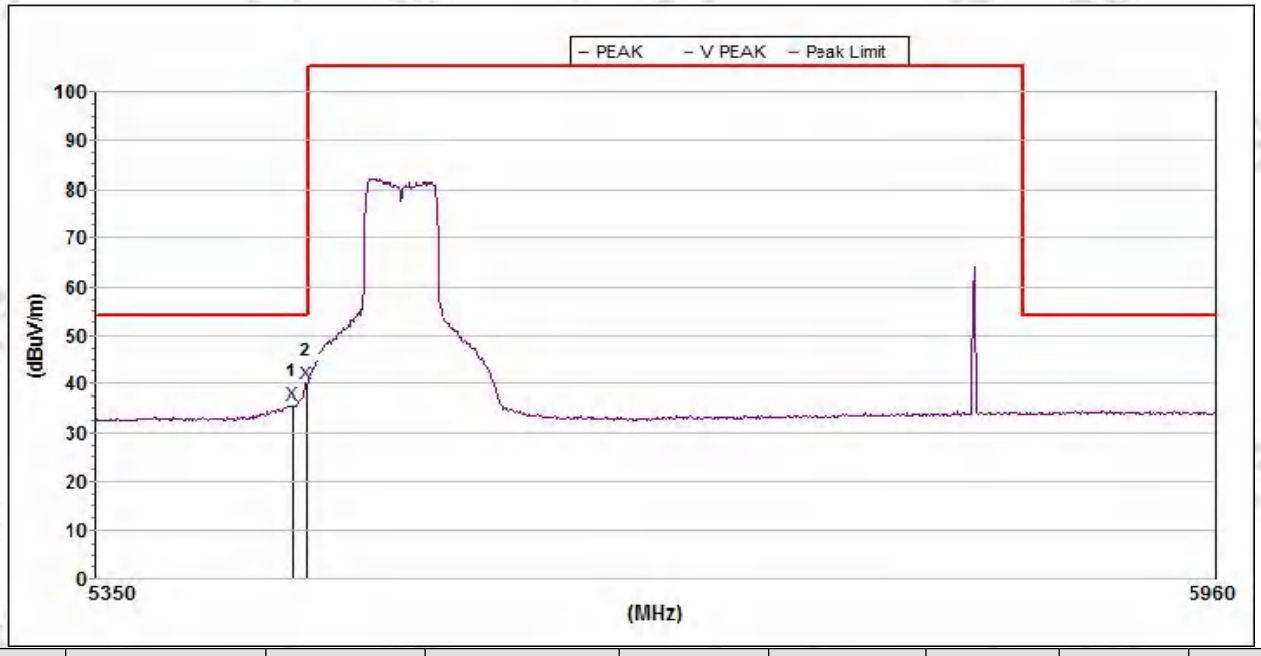
GFSK-Low

802.11n40_5510MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5429.141477	34.9	54.0	19.1	32.7	58.0	3.9	H
2	5460.000000	50.1	54.0	3.9	32.8	58.1	4.0	H

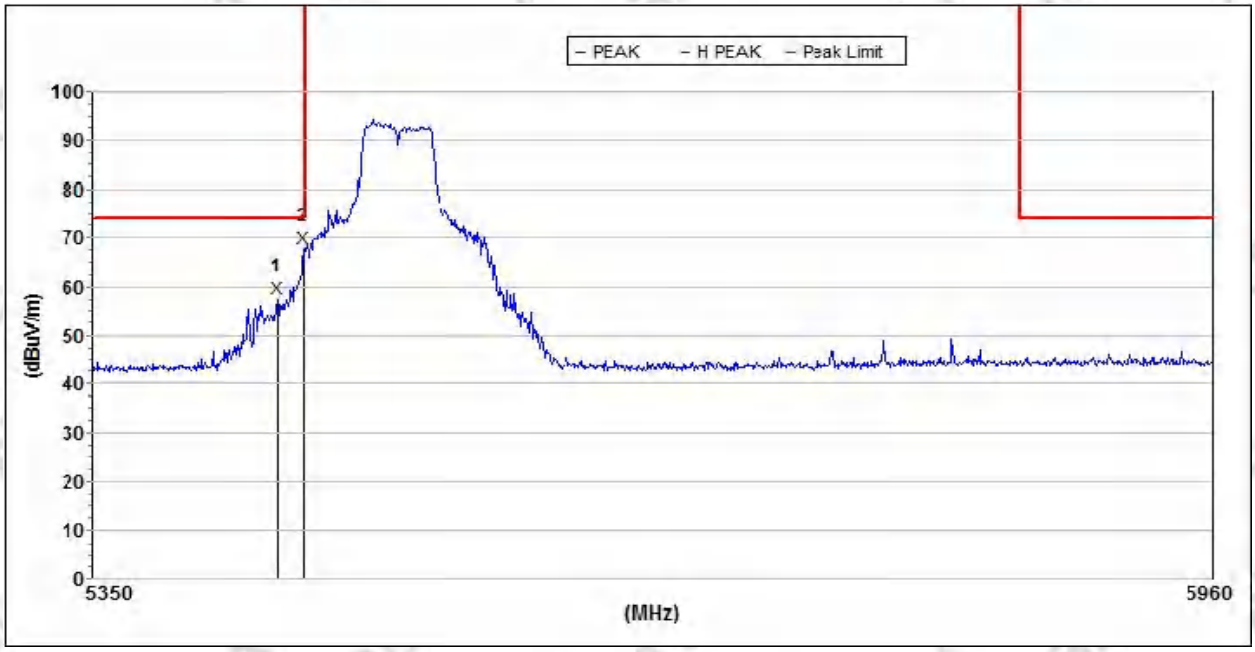
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5452.640413	35.7	54.0	18.3	32.8	58.1	3.9	V
2	5460.000000	40.2	54.0	13.8	32.8	58.1	4.0	V

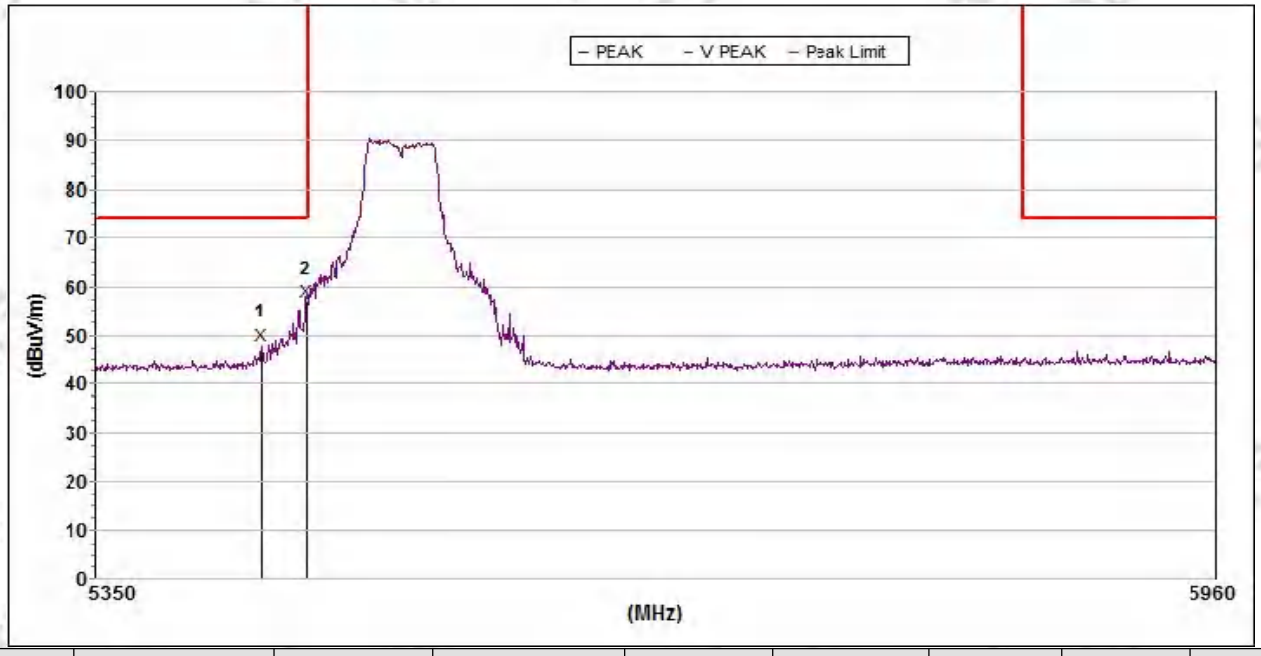
GFSK-Low

802.11n40_5510MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5446.168085	57.6	74.0	16.4	32.8	58.1	3.9	H
2	5460.000000	67.6	74.0	6.4	32.8	58.1	4.0	H

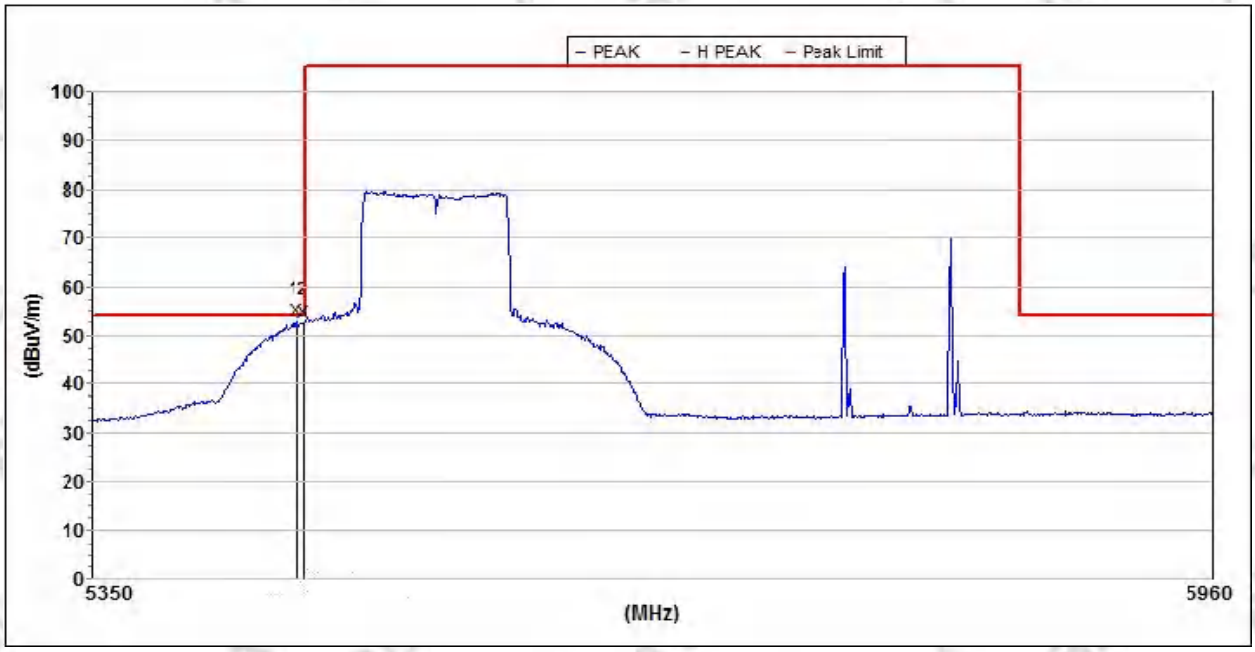
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5436.180504	48.1	74.0	25.9	32.8	58.0	3.9	V
2	5460.000000	56.9	74.0	17.1	32.8	58.1	4.0	V

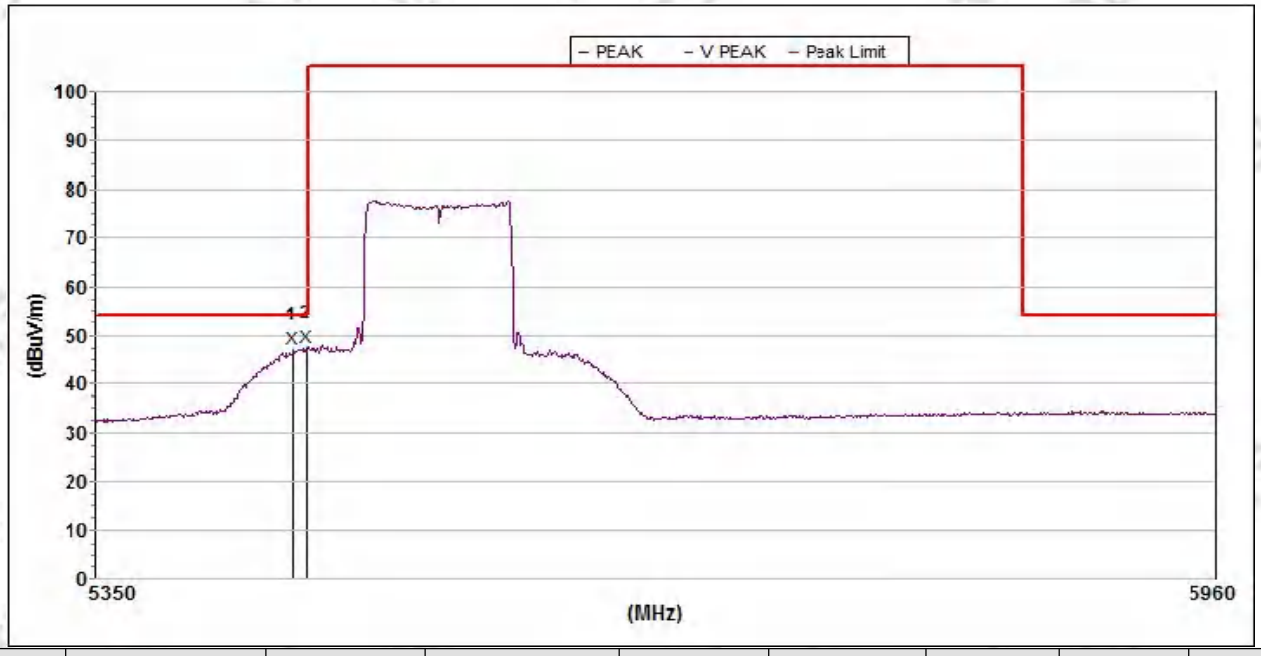
GFSK-Low

802.11ac80_5530MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5455.584923	53.1	54.0	0.9	32.8	58.1	3.9	H
2	5460.000000	52.5	54.0	1.5	32.8	58.1	4.0	H

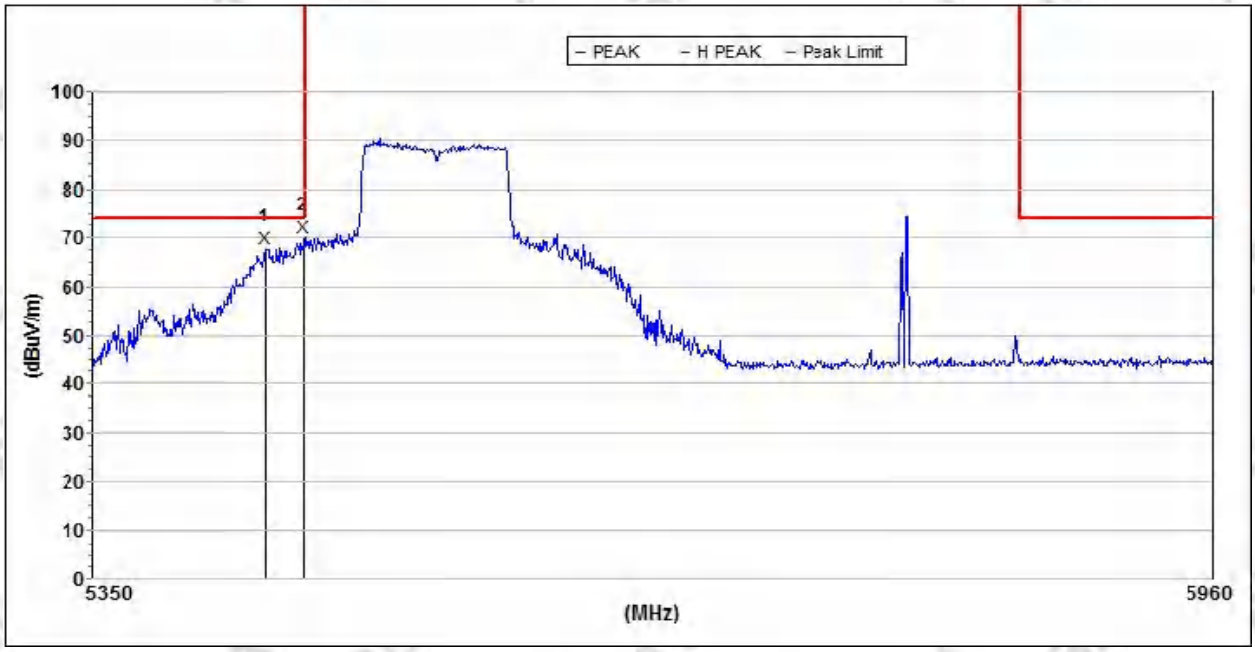
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5452.640413	47.5	54.0	6.5	32.8	58.1	3.9	V
2	5460.000000	47.7	54.0	6.3	32.8	58.1	4.0	V

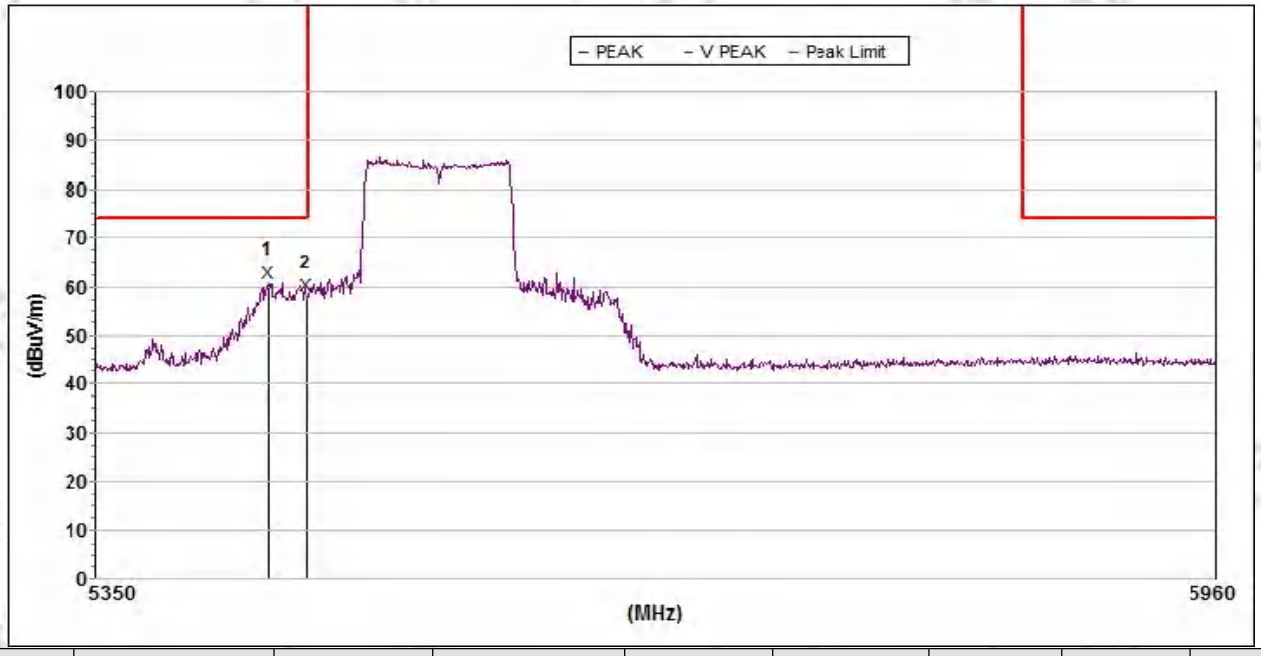
GFSK-Low

802.11ac80_5530MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5439.703440	67.6	74.0	6.4	32.8	58.0	3.9	H
2	5460.000000	70.0	74.0	4.0	32.8	58.1	4.0	H

Vertical

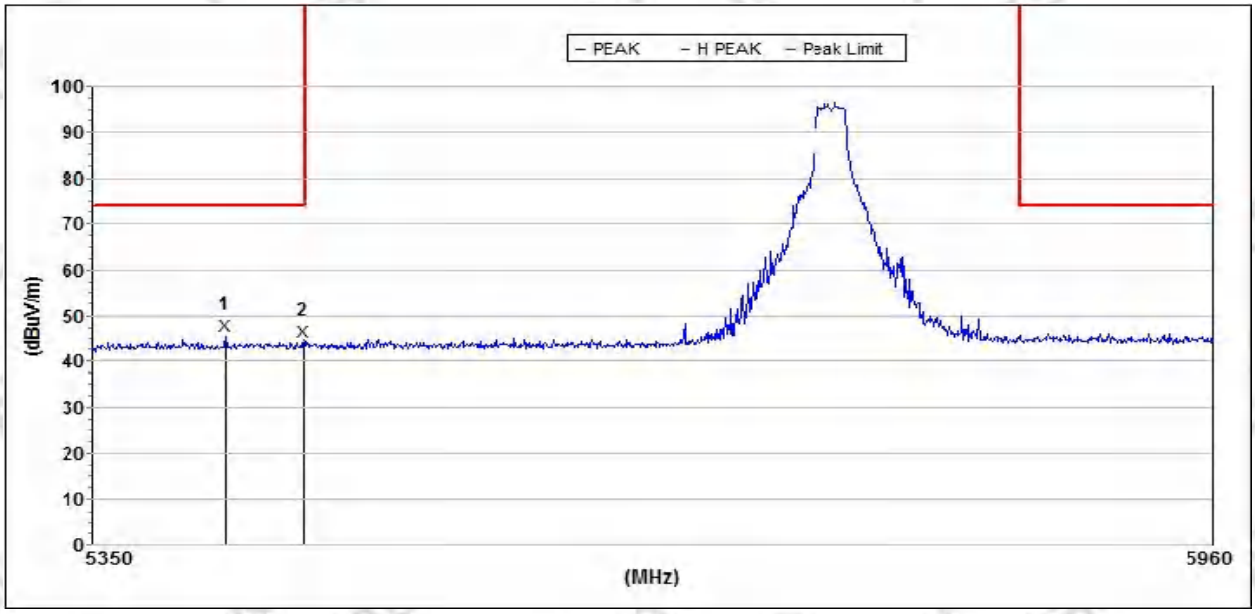


Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5439.703440	61.0	74.0	13.0	32.8	58.0	3.9	V
2	5460.000000	58.1	74.0	15.9	32.8	58.1	4.0	V

(5725MHz-5850MHz)

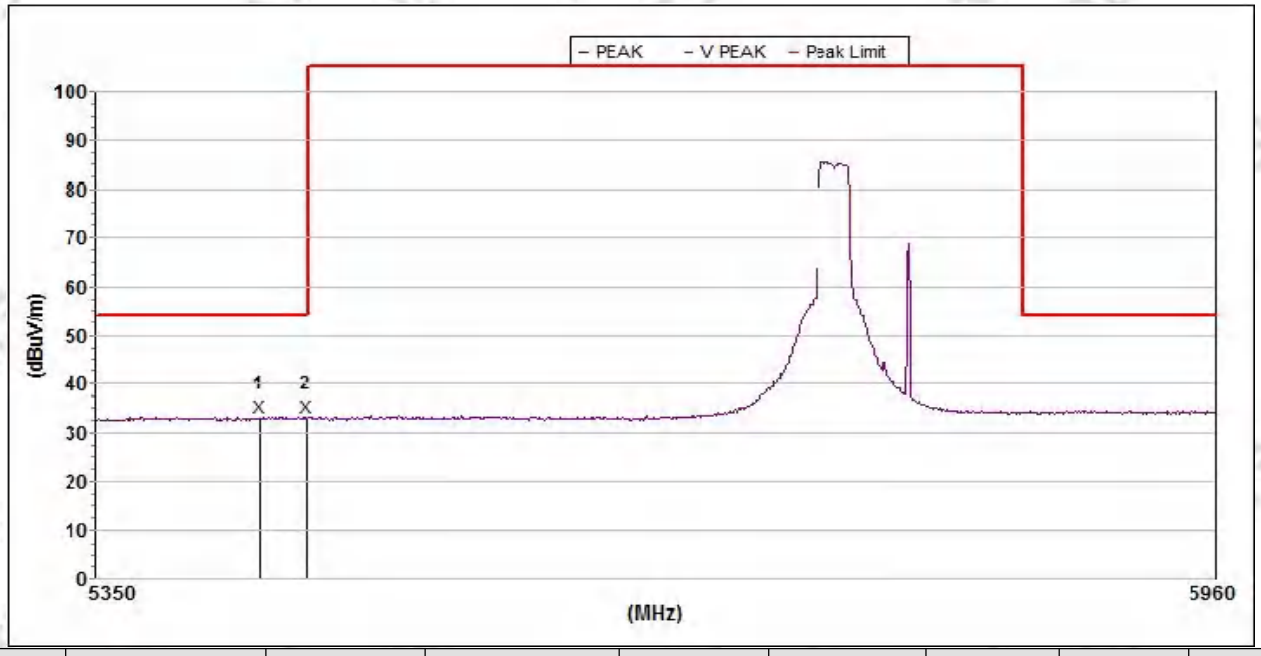
GFSK-Low

802.11a_5745MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5432.073297	33.1	54.0	20.9	32.7	58.0	3.9	H
2	5460.000000	32.9	54.0	21.1	32.8	58.1	4.0	H

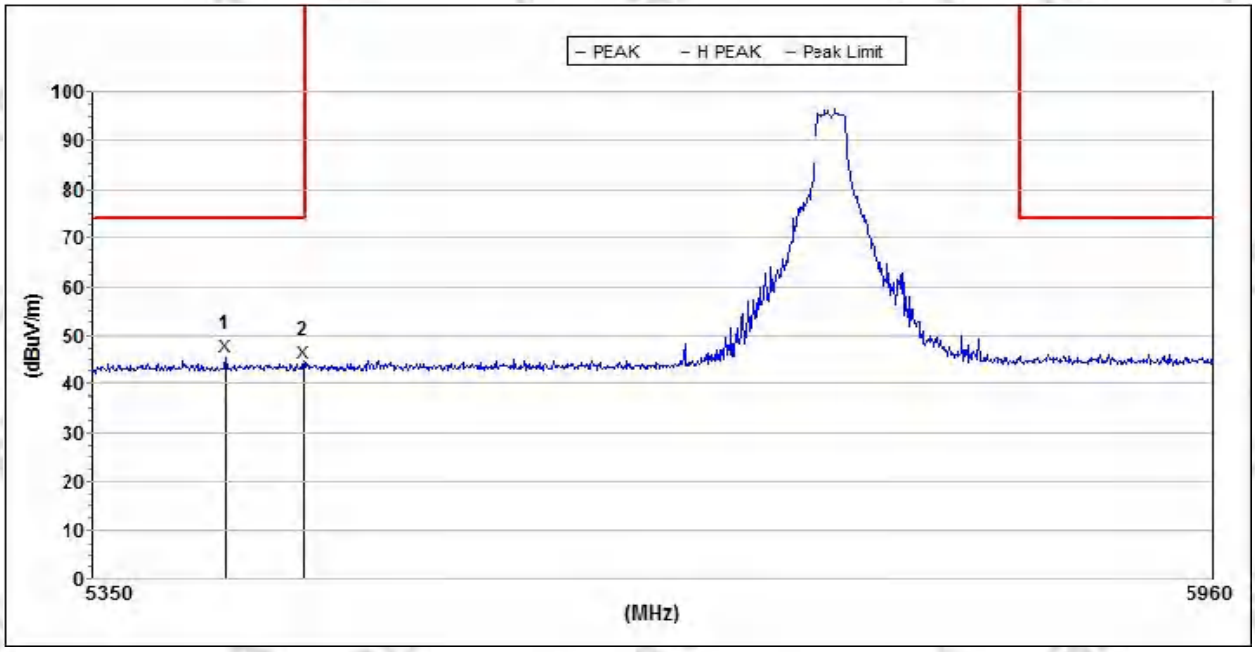
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5435.006700	33.3	54.0	20.7	32.8	58.0	3.9	V
2	5460.000000	33.1	54.0	20.9	32.8	58.1	4.0	V

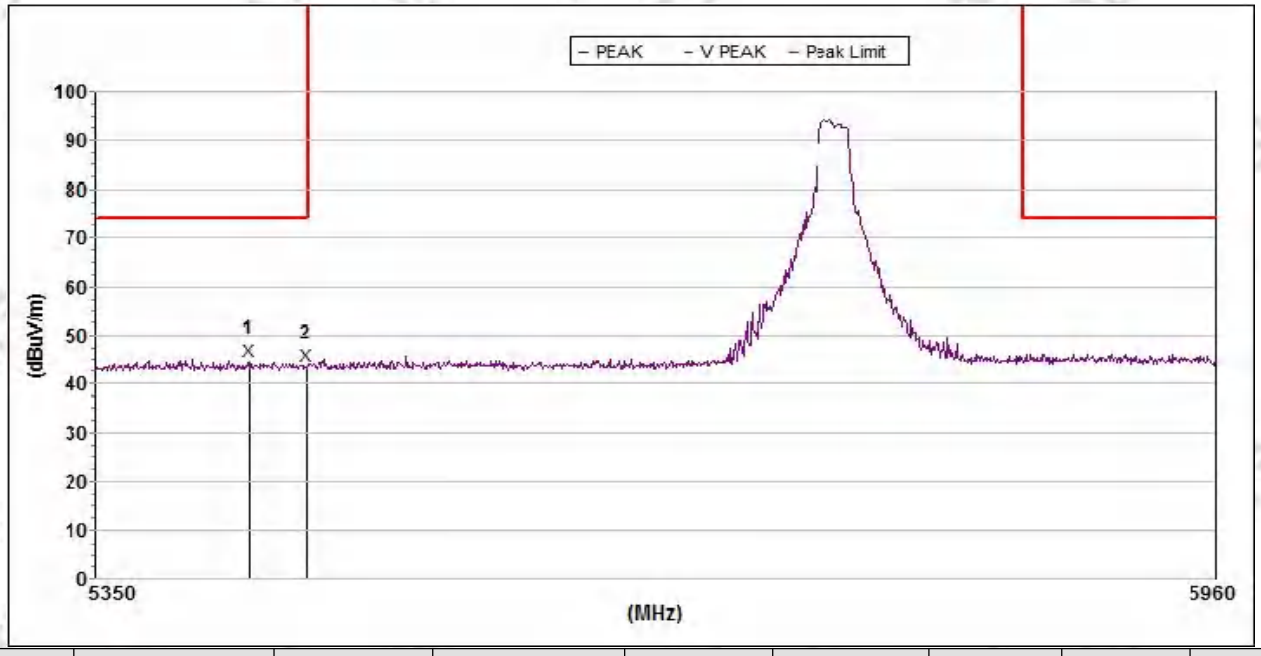
GFSK-Low

802.11a_5745MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5419.185121	45.6	74.0	28.4	32.7	58.0	3.9	H
2	5460.000000	44.4	74.0	29.6	32.8	58.1	4.0	H

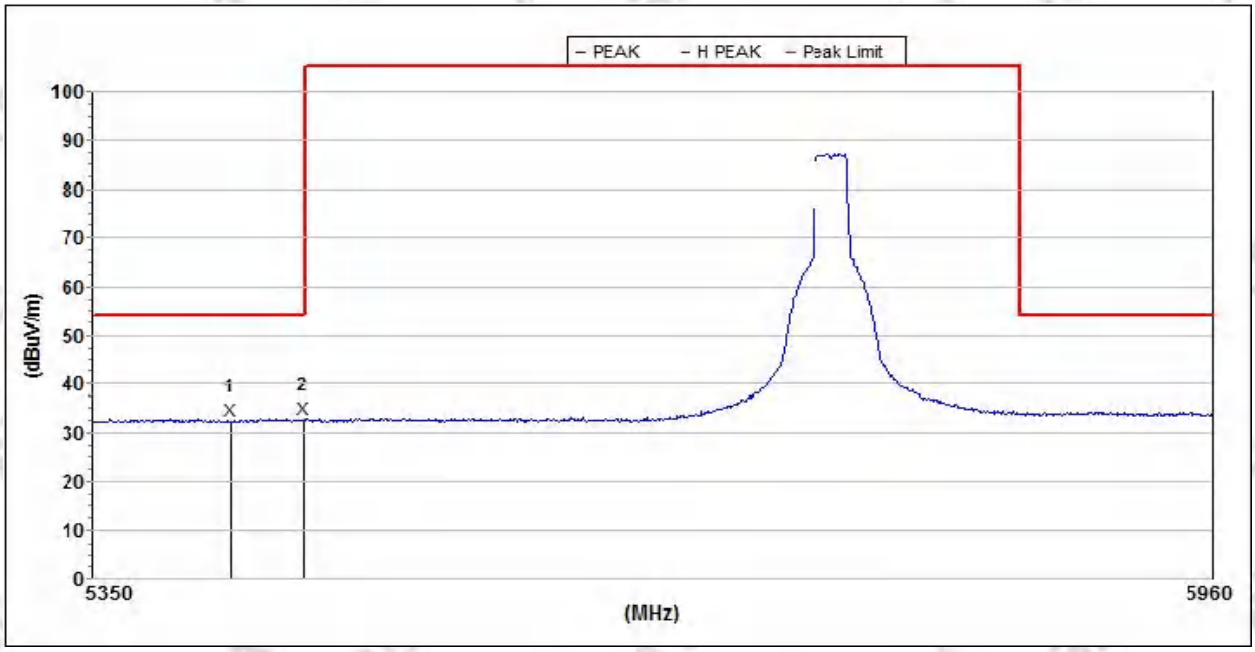
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5430.314015	44.6	74.0	29.4	32.7	58.0	3.9	V
2	5460.000000	43.6	74.0	30.4	32.8	58.1	4.0	V

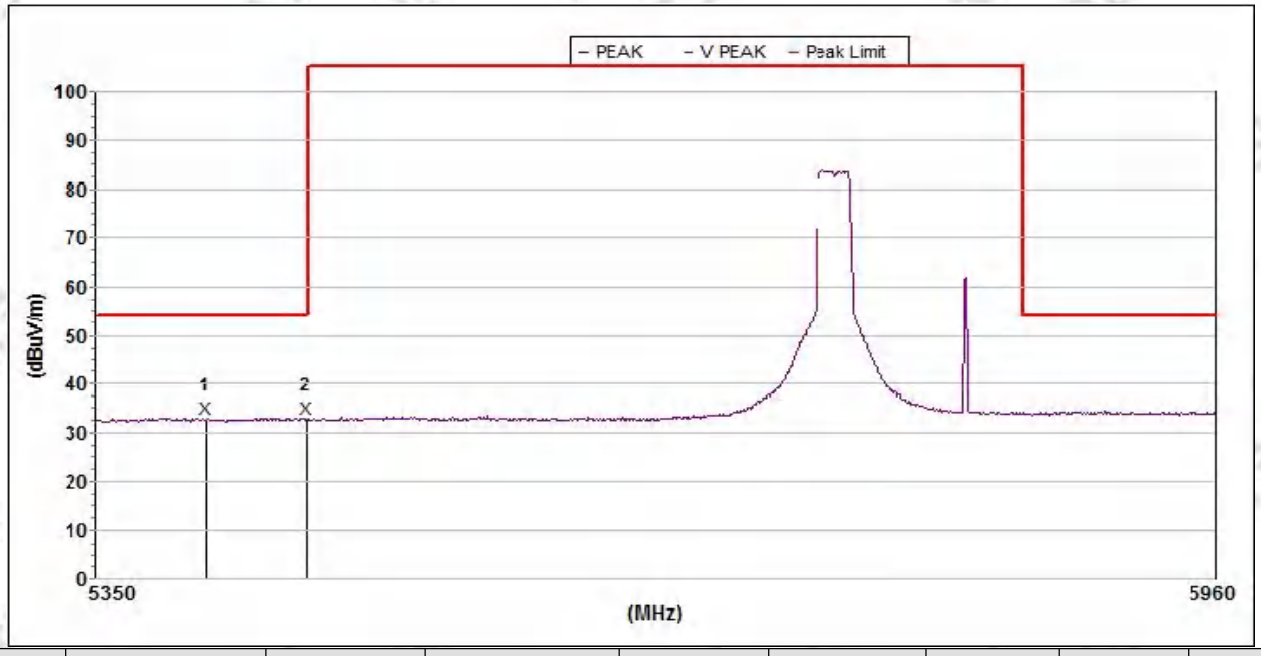
GFSK-Low

802.11n20_5745MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5422.111564	32.6	54.0	21.4	32.7	58.0	3.9	H
2	5460.000000	32.8	54.0	21.2	32.8	58.1	4.0	H

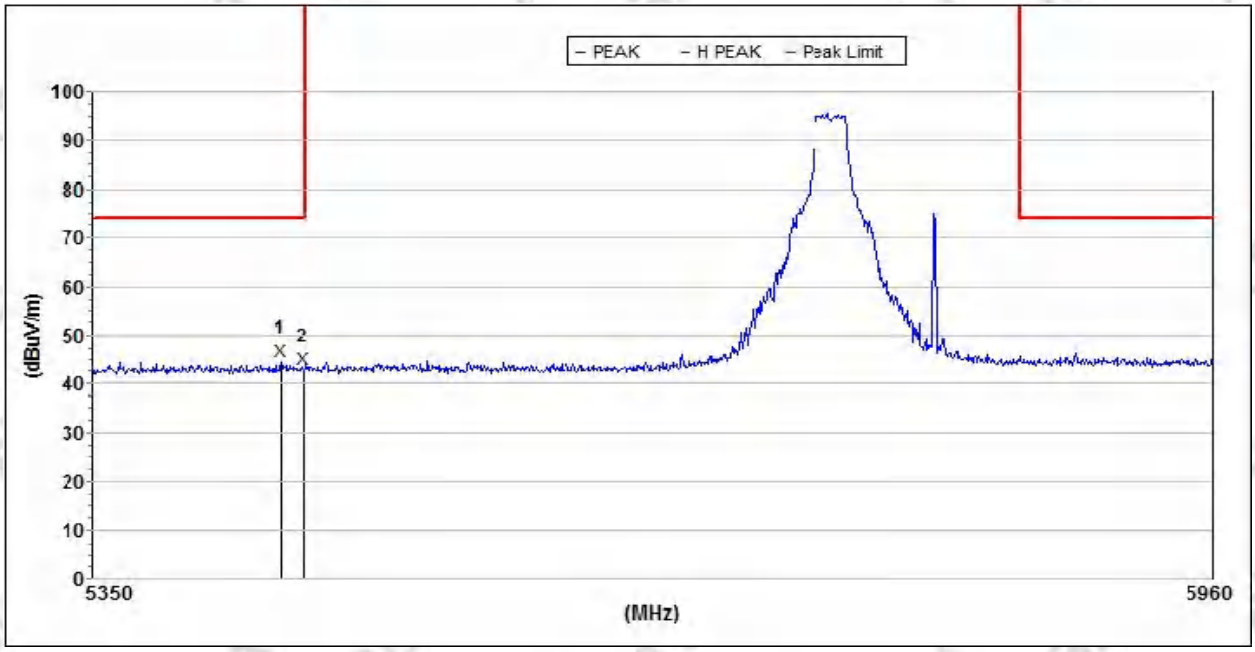
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5408.079034	32.8	54.0	21.2	32.7	58.0	3.9	V
2	5460.000000	33.0	54.0	21.0	32.8	58.1	4.0	V

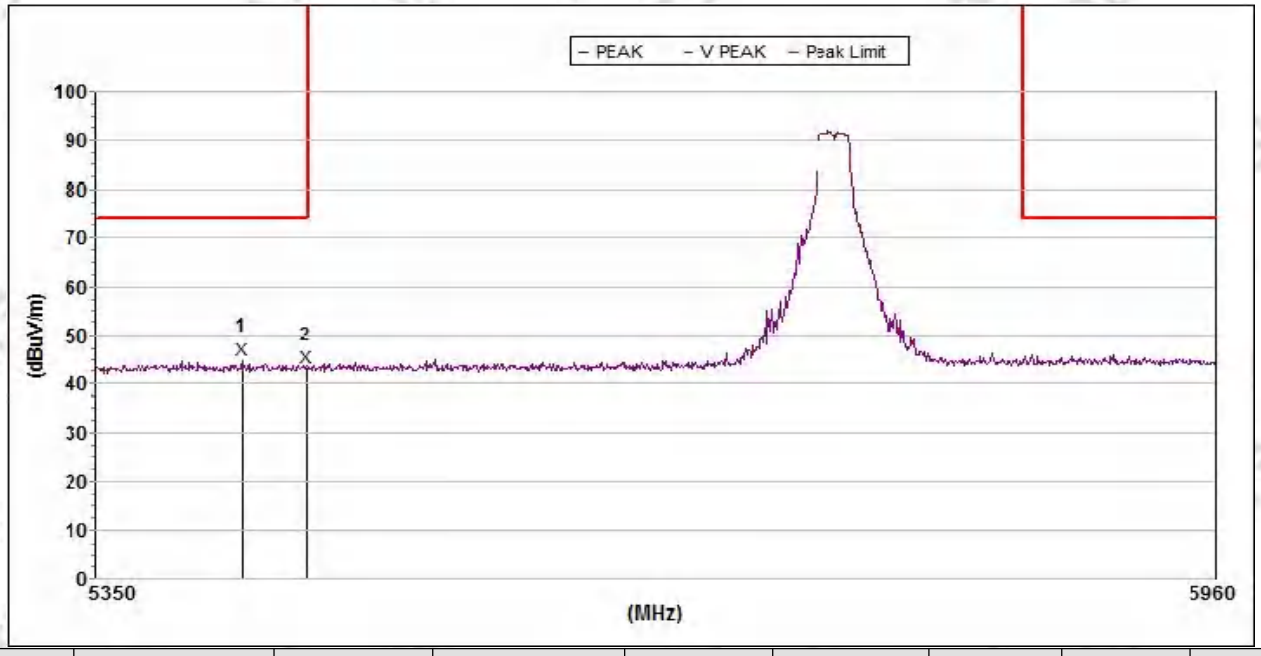
GFSK-Low

802.11n20_5745MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5447.932503	44.6	74.0	29.4	32.8	58.1	3.9	H
2	5460.000000	43.2	74.0	30.8	32.8	58.1	4.0	H

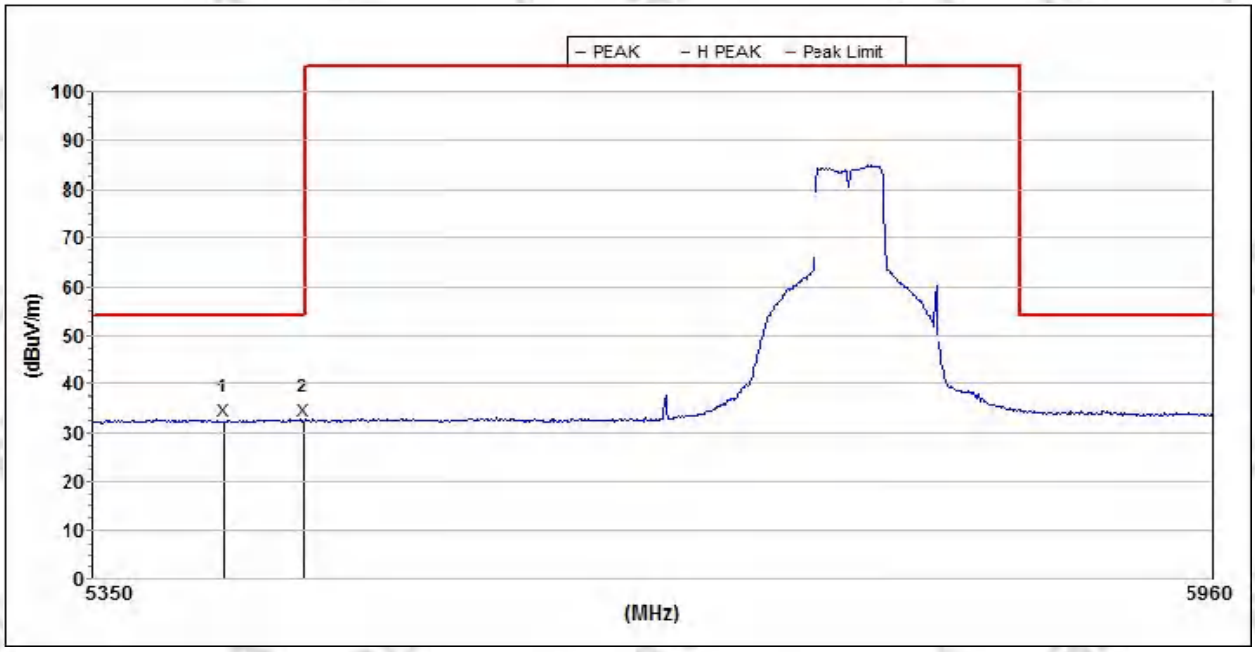
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5426.211239	45.0	74.0	29.0	32.7	58.0	3.9	V
2	5460.000000	43.4	74.0	30.6	32.8	58.1	4.0	V

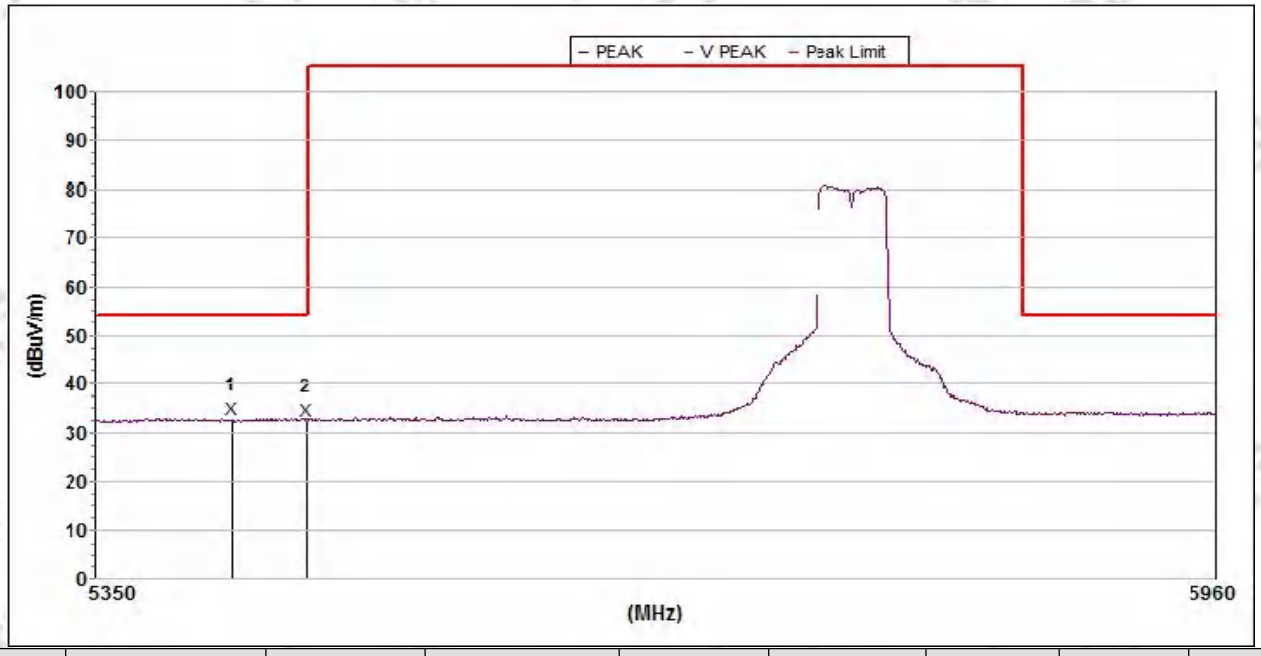
GFSK-Low

802.11n40_5755MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5418.600022	32.7	54.0	21.3	32.7	58.0	3.9	5418.600022
2	5460.000000	32.7	54.0	21.3	32.8	58.1	4.0	5460.000000

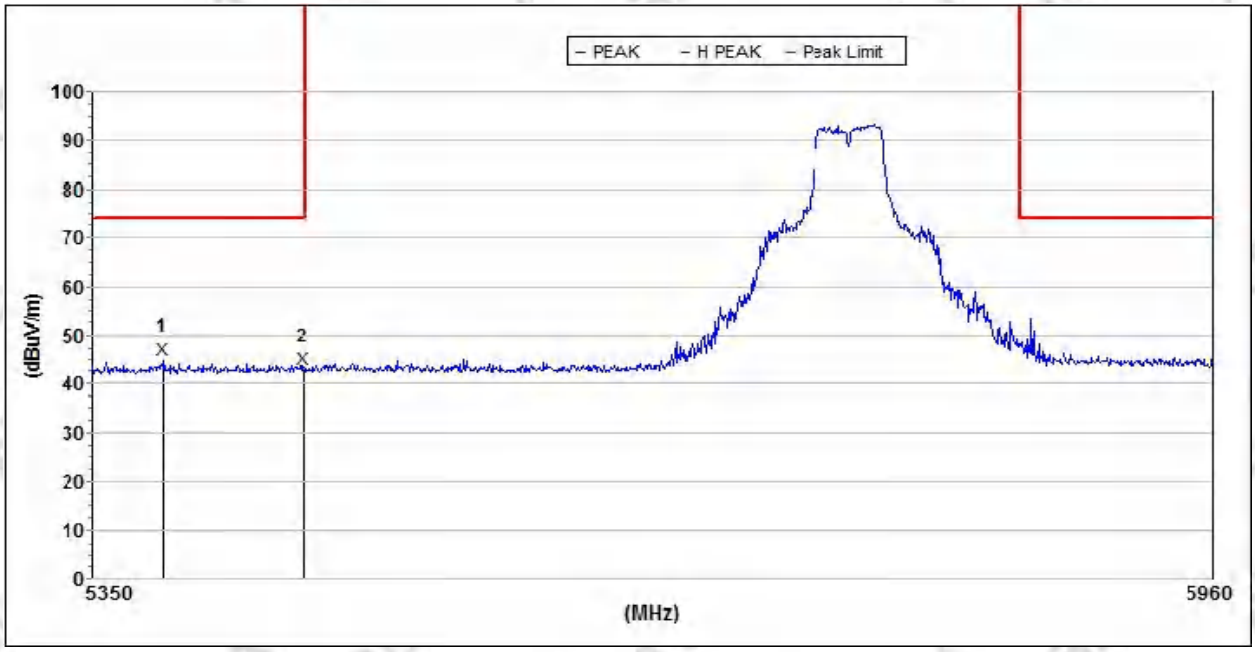
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5420.940797	32.8	54.0	21.2	32.7	58.0	3.9	V
2	5460.000000	32.7	54.0	21.3	32.8	58.1	4.0	V

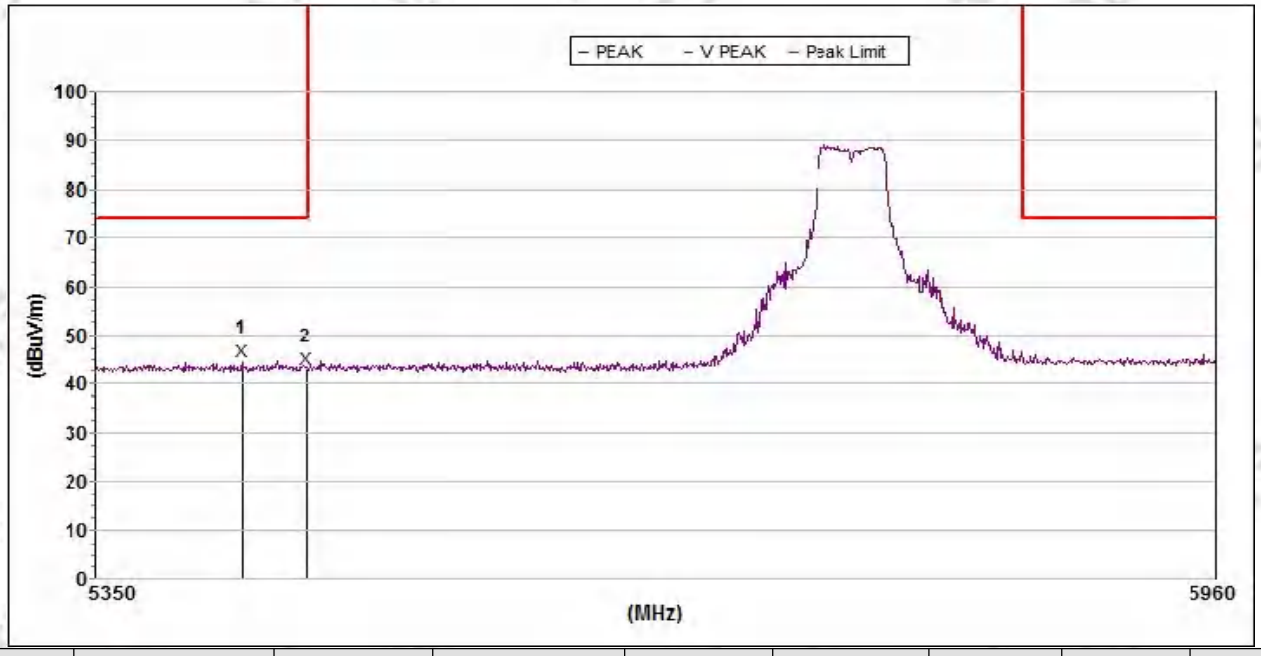
GFSK-Low

802.11n40_5755MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5386.516669	45.0	74.0	29.0	32.8	58.0		H
2	5460.000000	43.0	74.0	31.0	32.8	58.1		H

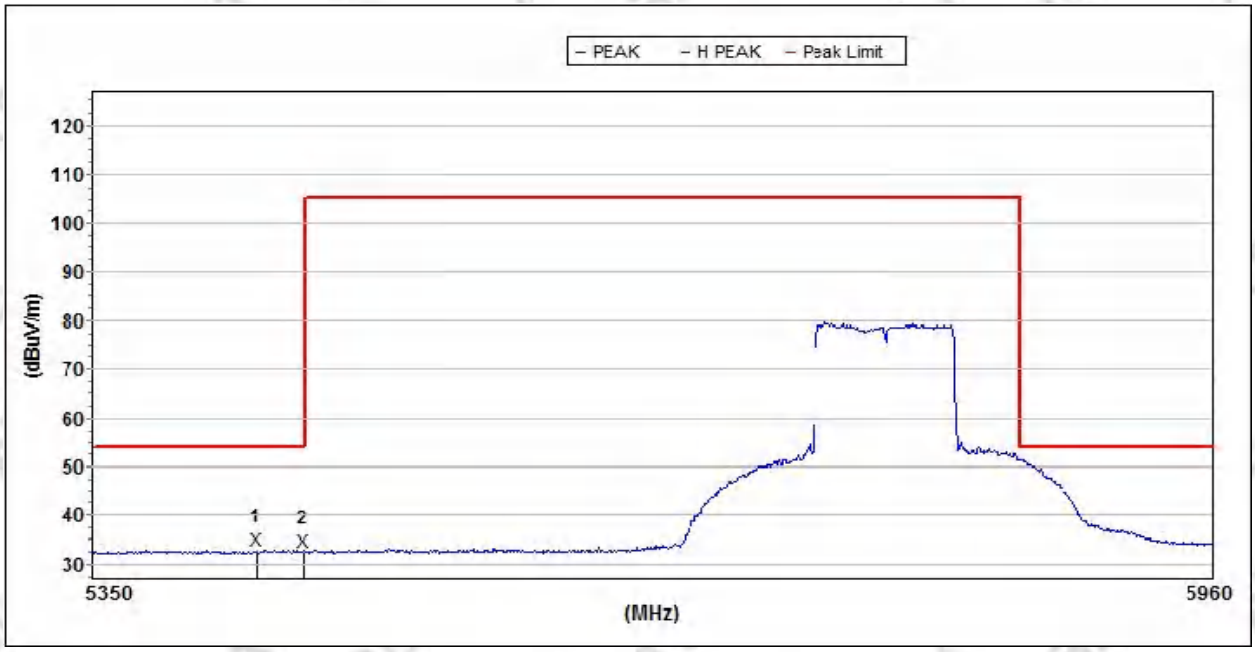
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5426.211239	44.8	74.0	29.2	32.7	58.0	3.9	V
2	5460.000000	43.2	74.0	30.8	32.8	58.1	4.0	V

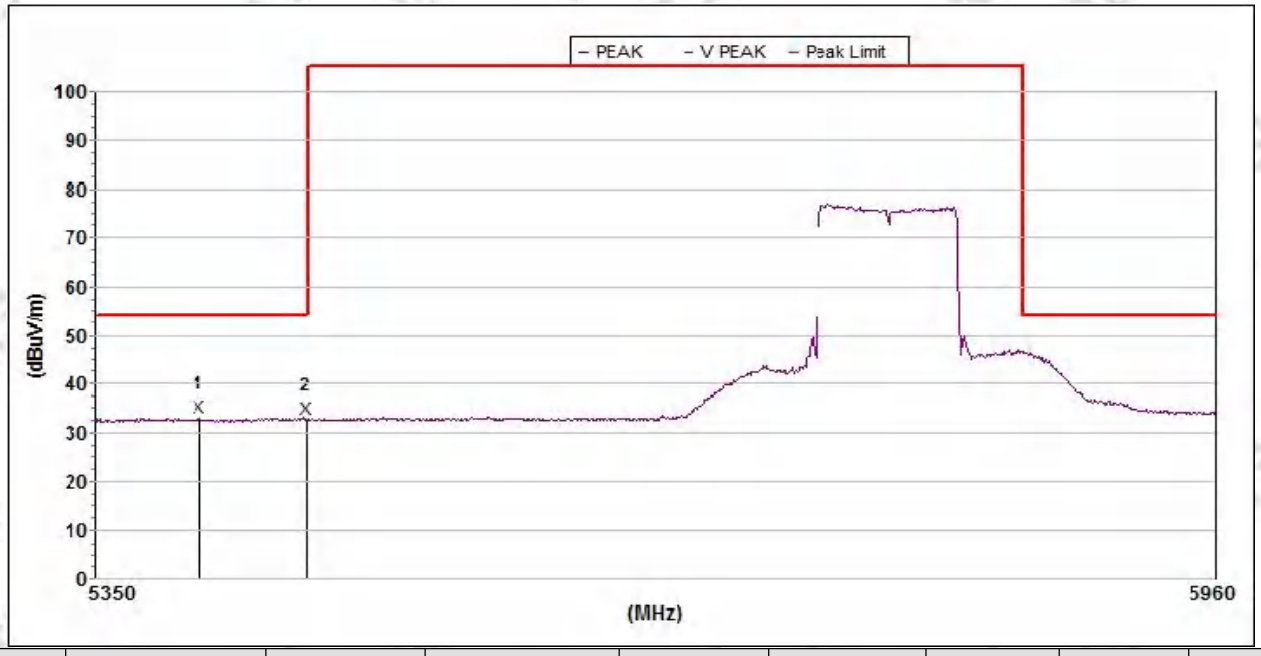
GFSK-Low

802.11ac80_5775MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	2388.352405	25.2	54.0	28.8	27.3	59.6	2.8	H
2	2390.000000	24.8	54.0	29.2	27.3	59.6	2.8	H

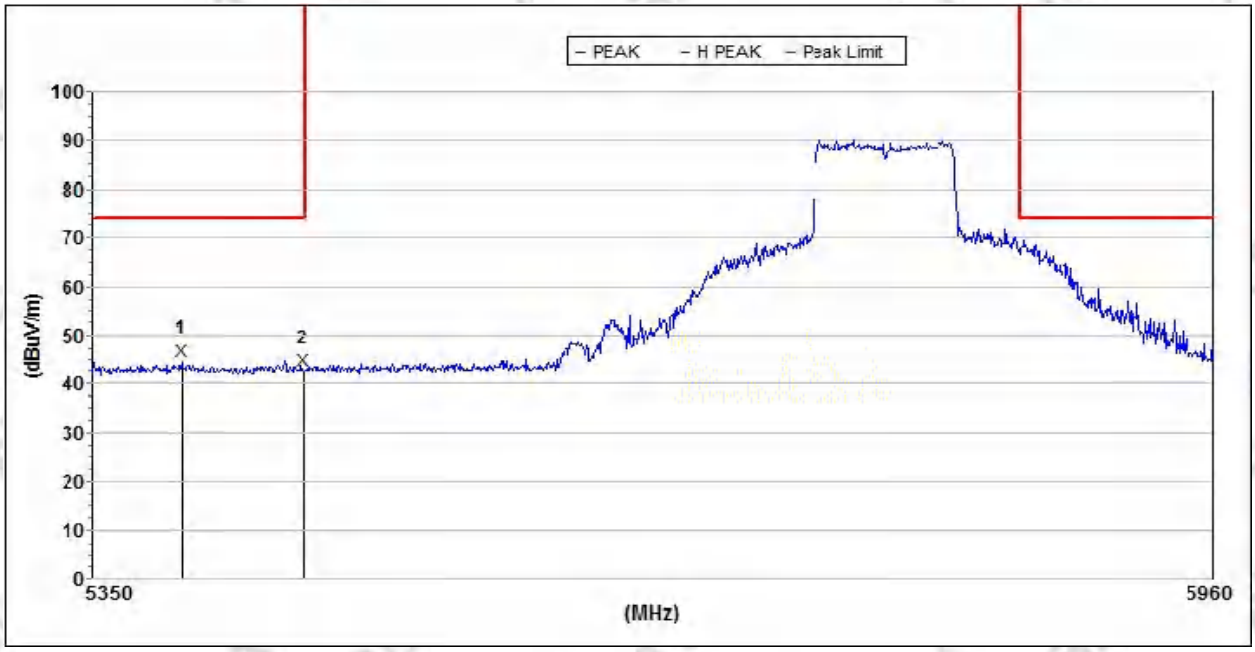
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5403.993058	33.1	54.0	20.9	32.7	58.0	3.9	V
2	5460.000000	32.8	54.0	21.2	32.8	58.1	4.0	V

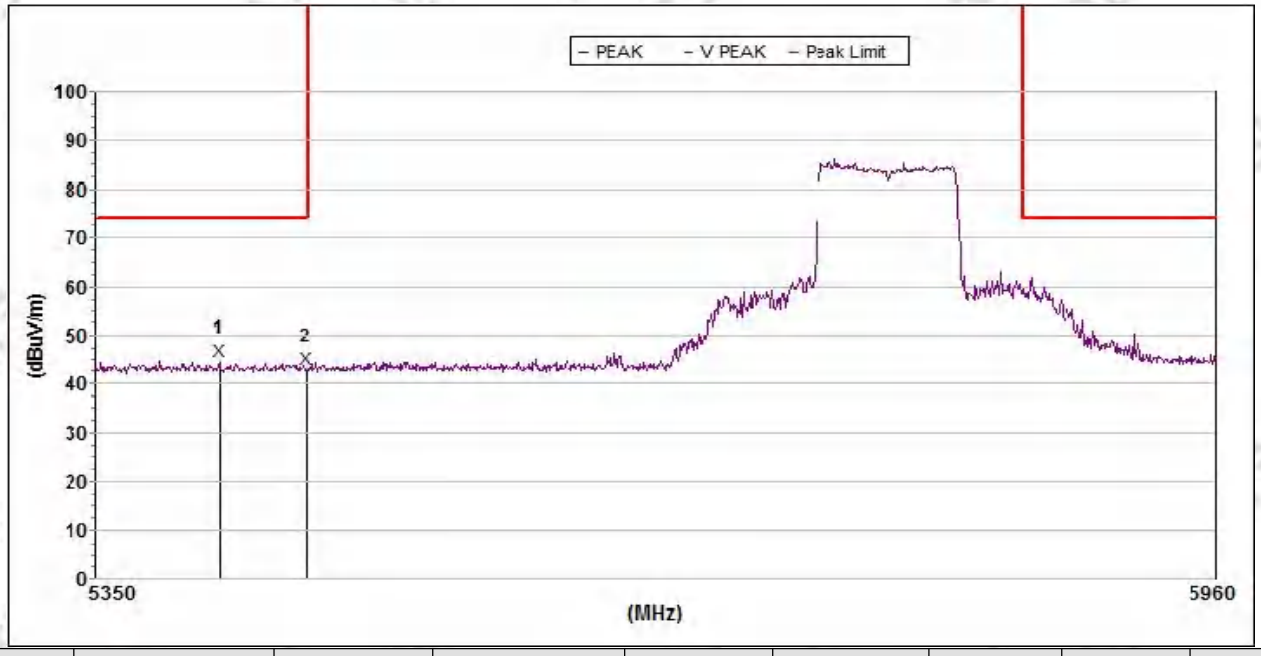
GFSK-Low

802.11ac80_5775MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5395.830365	44.9	74.0	29.1	32.7	58.0	3.9	H
2	5460.000000	42.8	74.0	31.2	32.8	58.1	4.0	H

Vertical

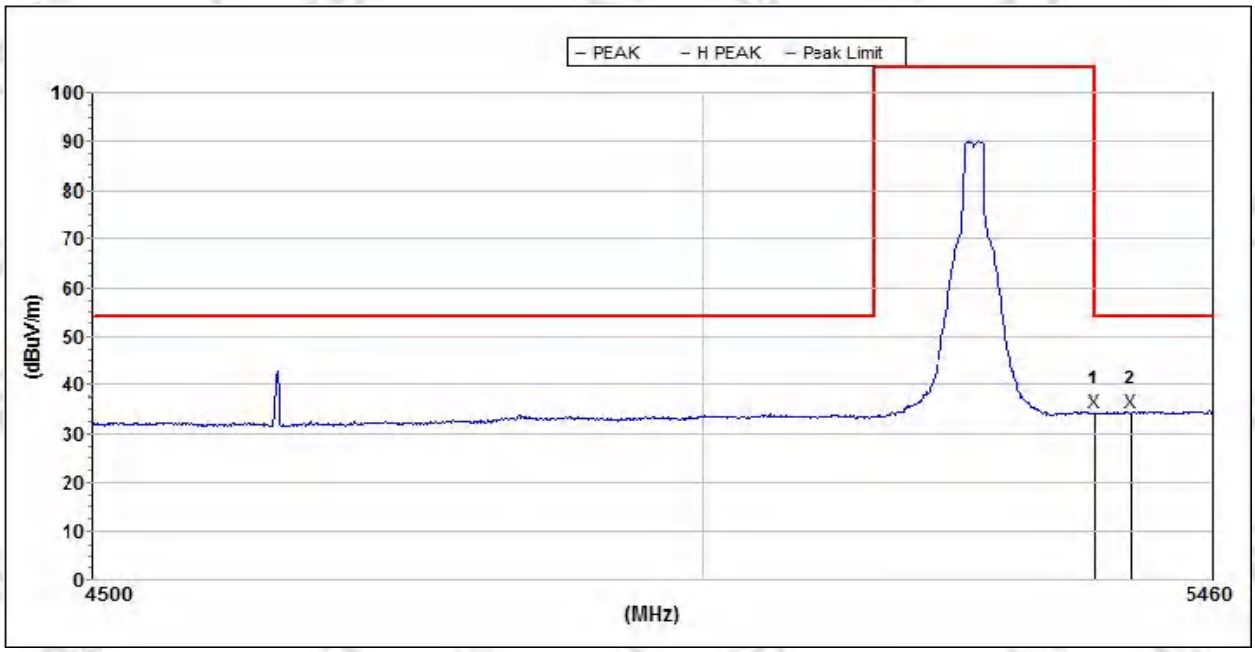


Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5414.506097	44.6	74.0	29.4	32.7	58.0	3.9	V
2	5460.000000	43.2	74.0	30.8	32.8	58.1	4.0	V

(5150MHz-5250MHz)

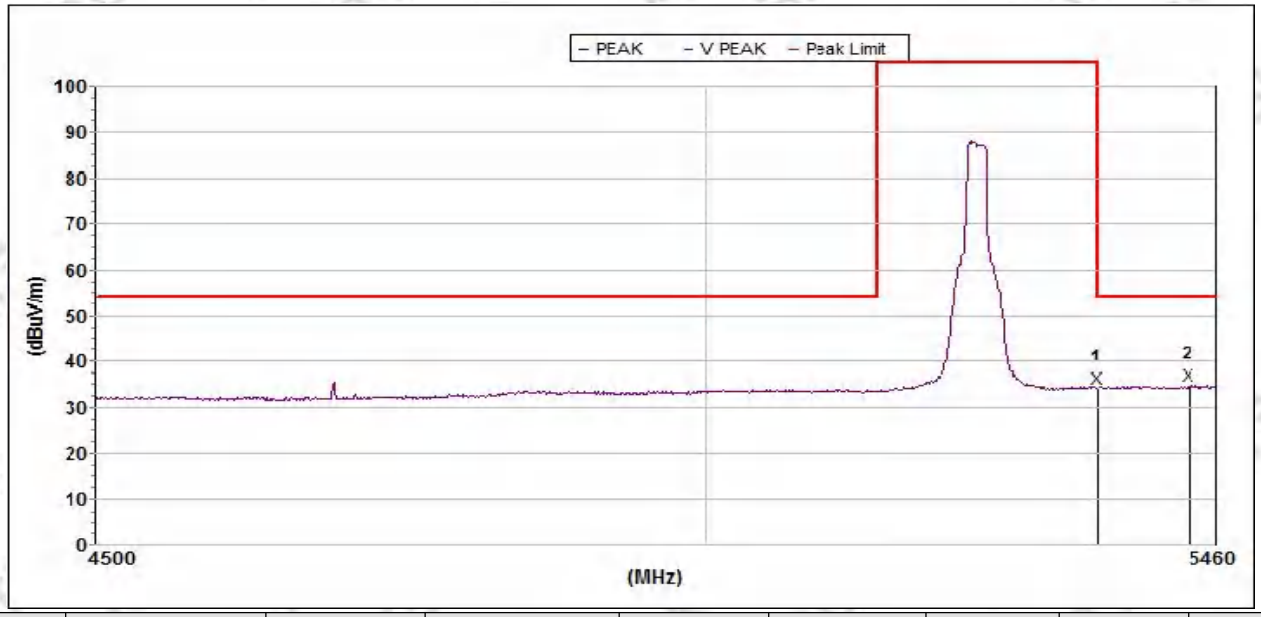
GFSK-High

802.11a_5240MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.000000	34.5	54.0	19.5	32.8	57.9	3.9	H
2	5382.426564	34.6	54.0	19.4	32.8	57.9	3.9	H

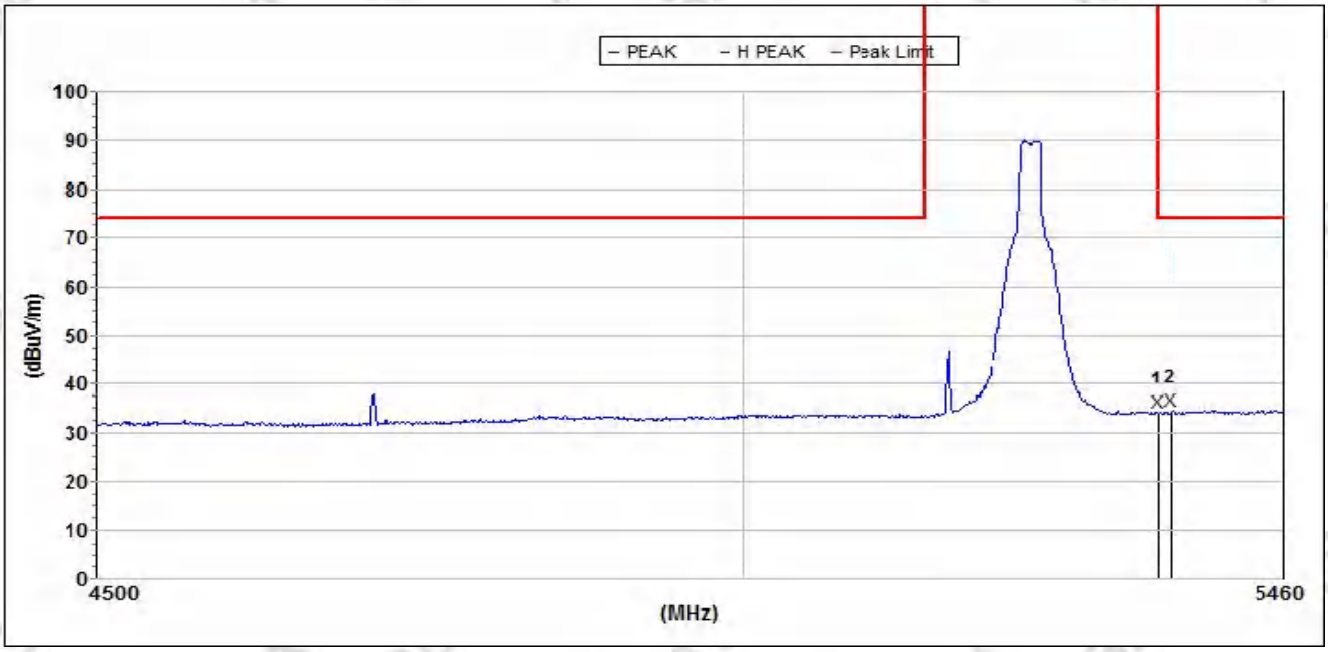
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.000000	34.3	54.0	19.7	32.8	57.9	3.9	V
2	5433.668503	35.0	54.0	19.0	32.8	58.0	3.9	V

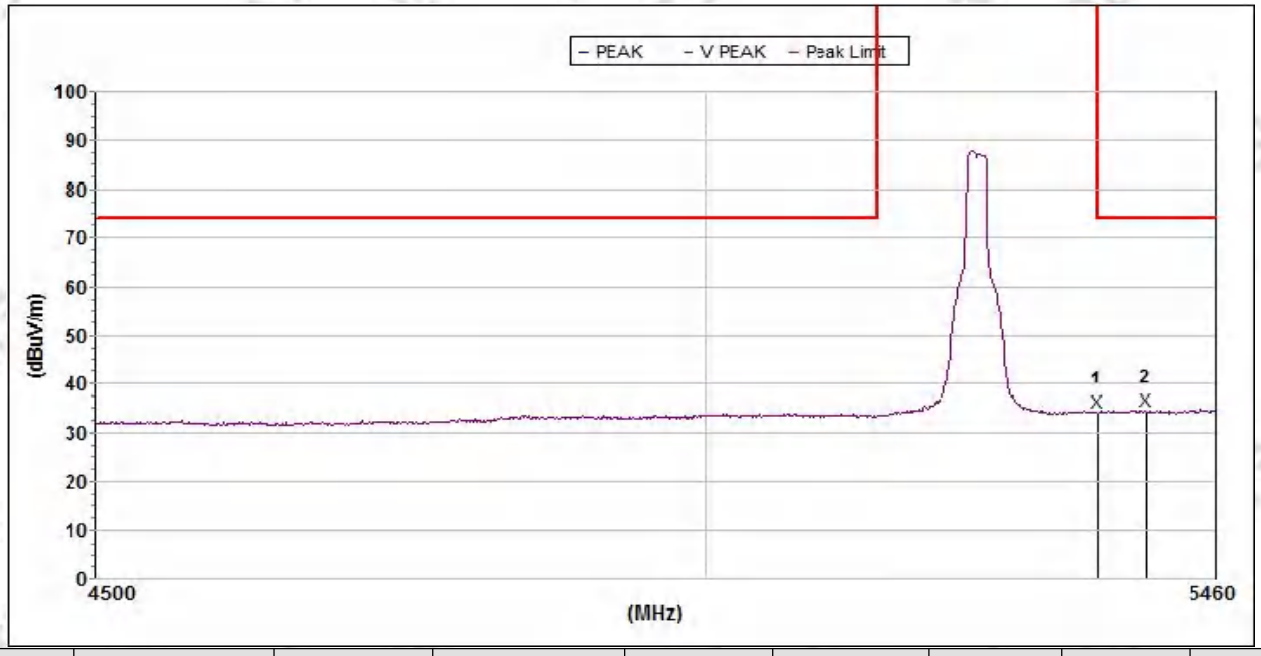
GFSK-High

802.11a_5240MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.000000	34.1	74.0	39.9	32.8	57.9	3.9	H
2	5361.650618	34.7	74.0	39.3	32.8	57.9	3.9	H

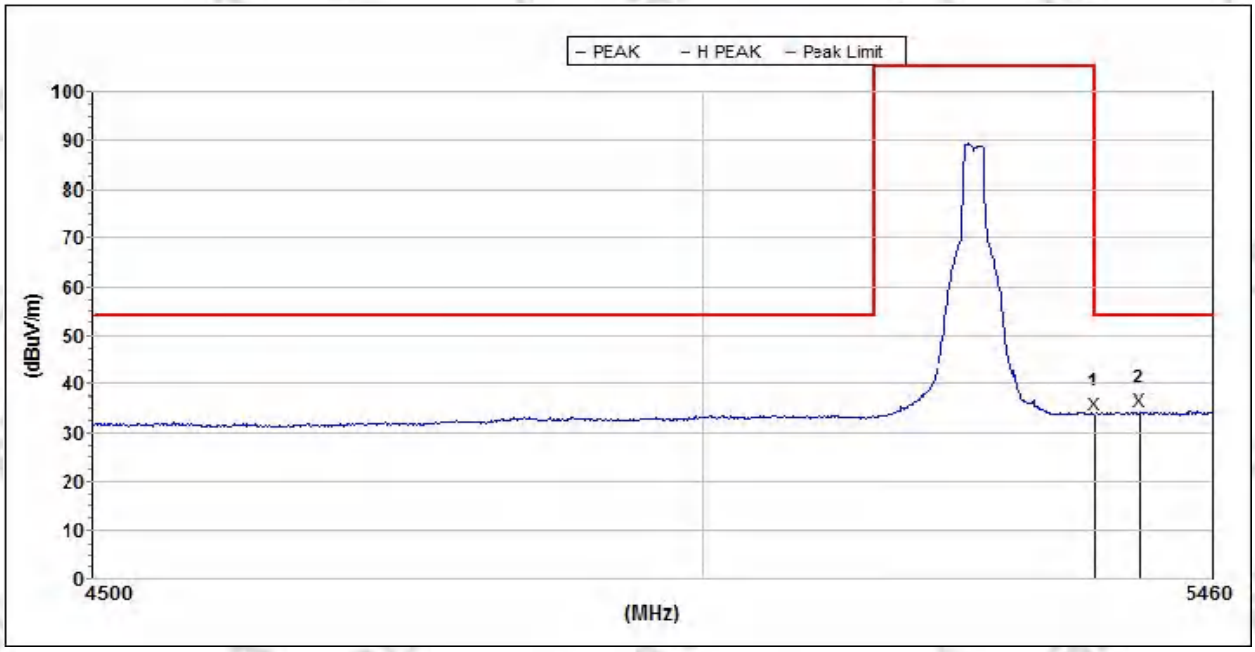
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.000000	34.3	74.0	34.3	32.8	57.9	3.9	V
2	5393.887629	34.6	74.0	39.4	32.7	58.0	3.9	V

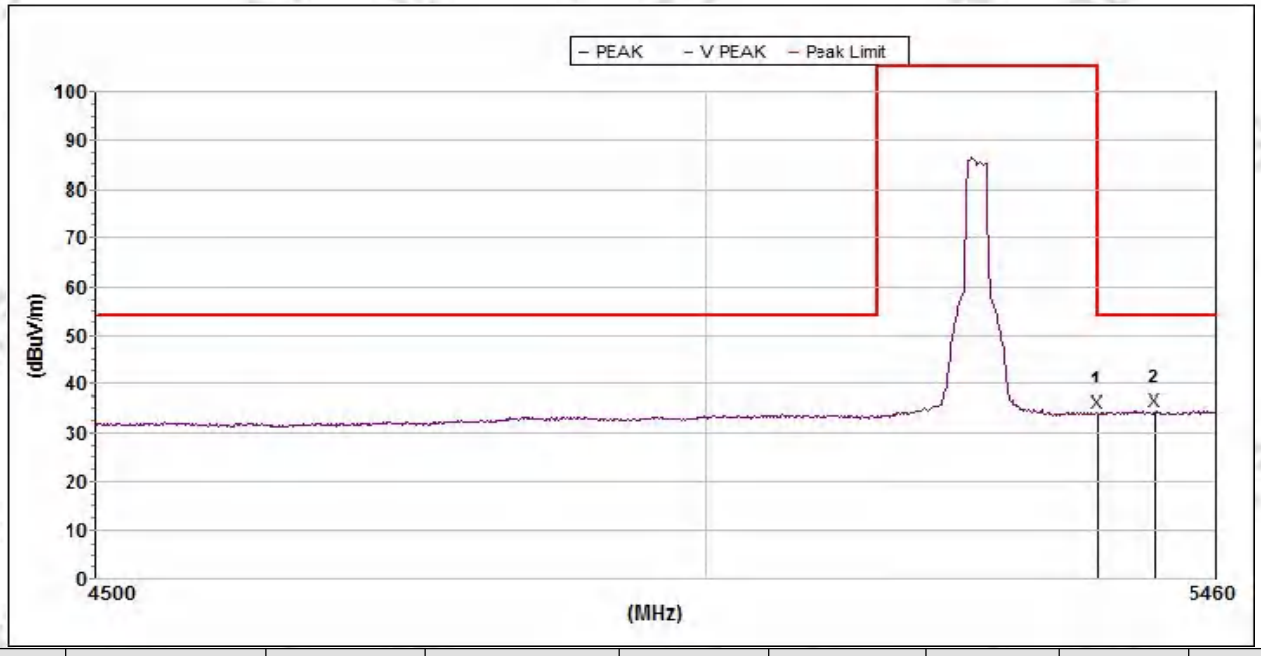
GFSK-High

802.11n20_5240MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.000000	34.0	54.0	20.0	32.8	57.9	3.9	H
2	5391.801986	34.5	54.0	19.5	32.7	58.0	3.9	H

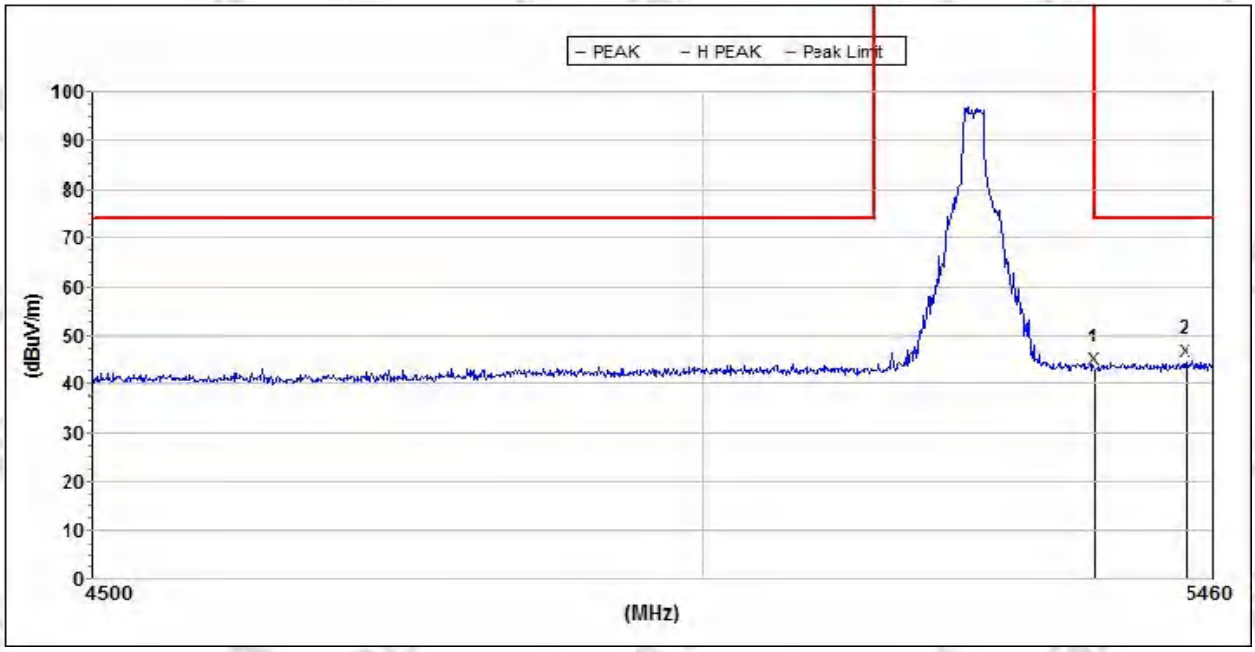
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.000000	34.3	54.0	19.7	32.8	57.9	3.9	V
2	5402.238275	34.7	54.0	19.3	32.7	58.0	3.9	V

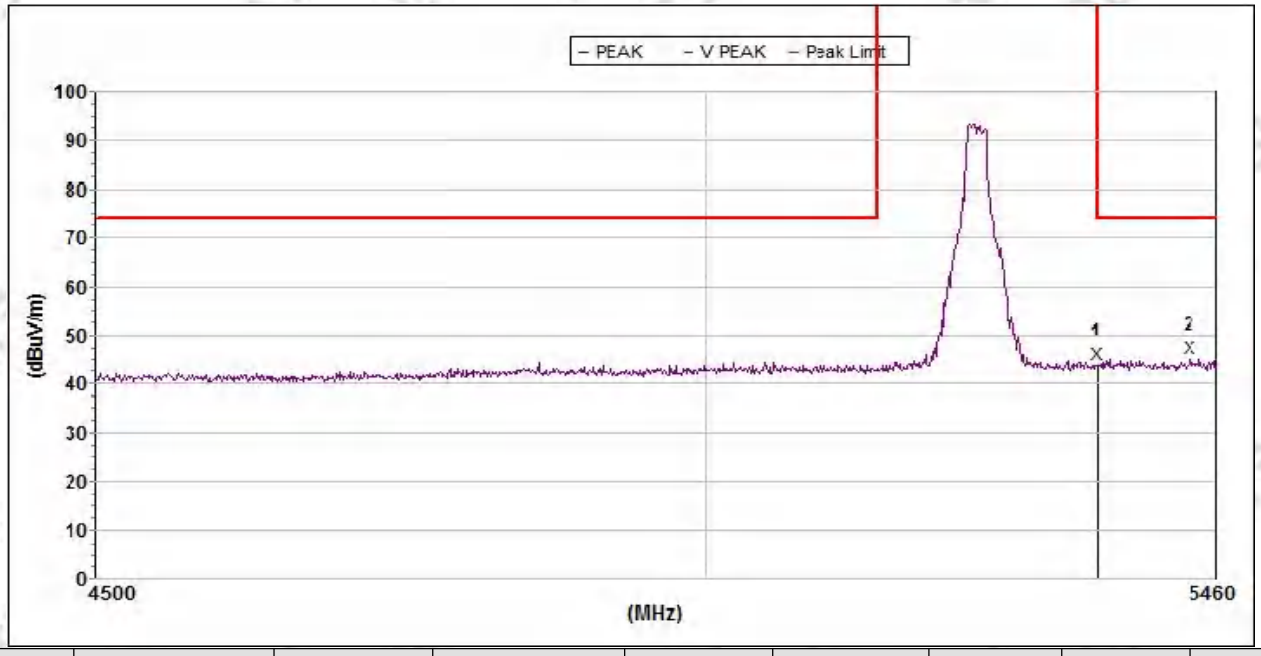
GFSK-High

802.11n20_5240MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.000000	43.2	74.0	30.8	32.8	57.9	3.9	H
2	5433.668503	44.9	74.0	29.1	32.8	58.0	3.9	H

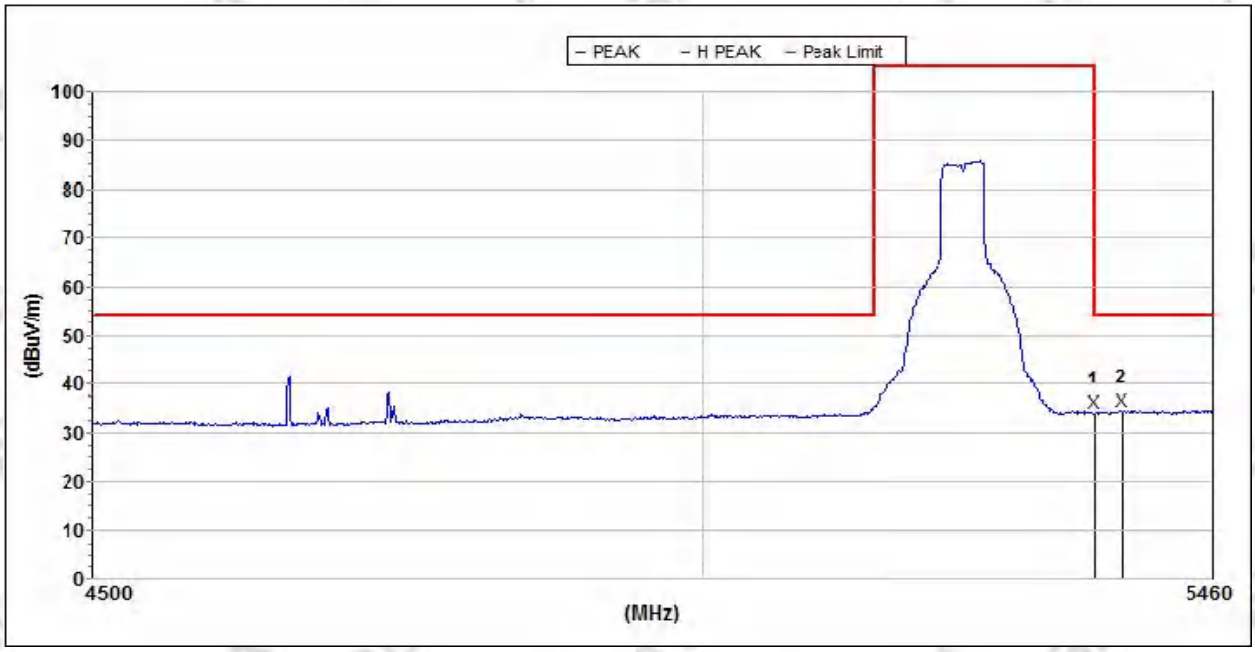
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.000000	44.1	74.0	29.9	32.8	57.9	3.9	V
2	5435.770342	45.5	74.0	28.5	32.8	58.0	3.9	V

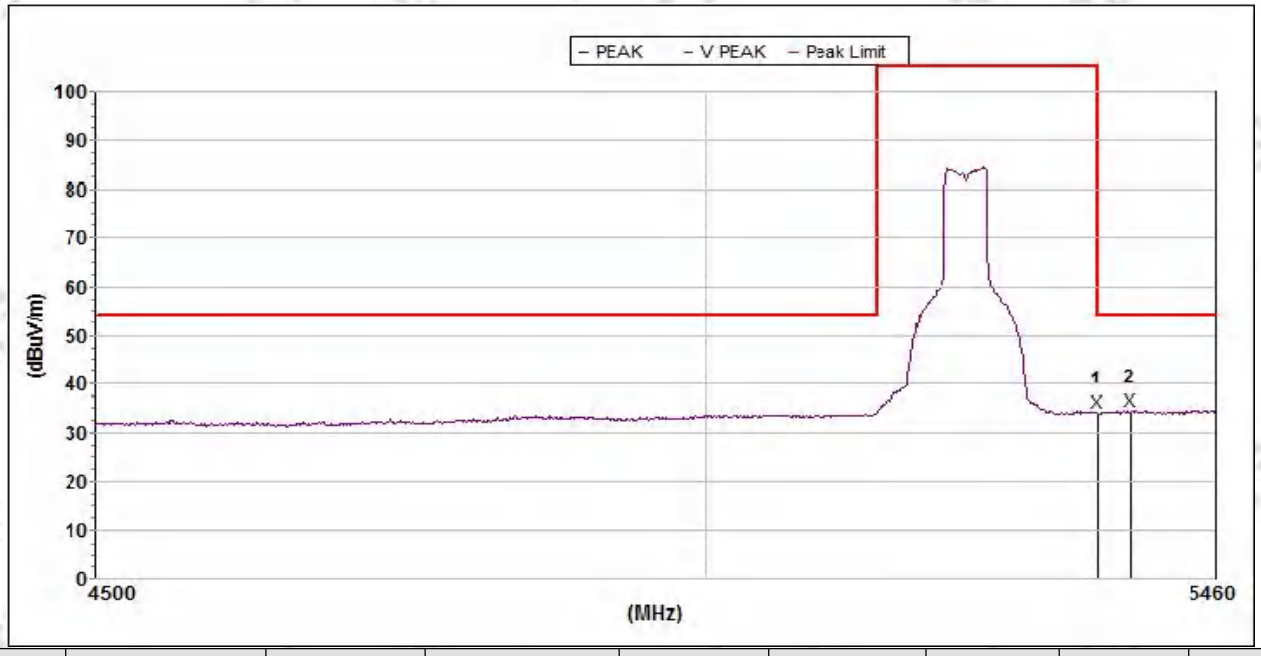
GFSK-High

802.11n40_5230MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.000000	34.2	54.0	19.8	32.8	57.9	3.9	H
2	5375.145841	34.6	54.0	19.4	32.8	57.9	3.9	H

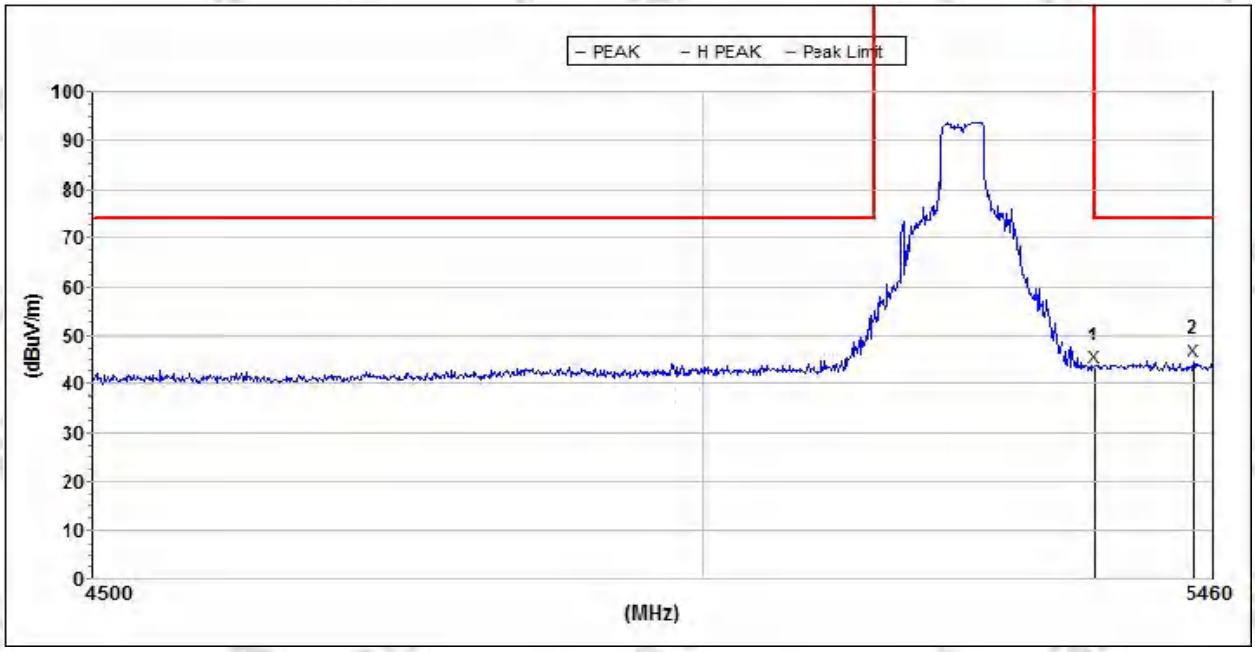
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.000000	34.2	54.0	19.8	32.8	57.9	3.9	V
2	5380.345352	34.5	54.0	19.5	32.8	57.9	3.9	V

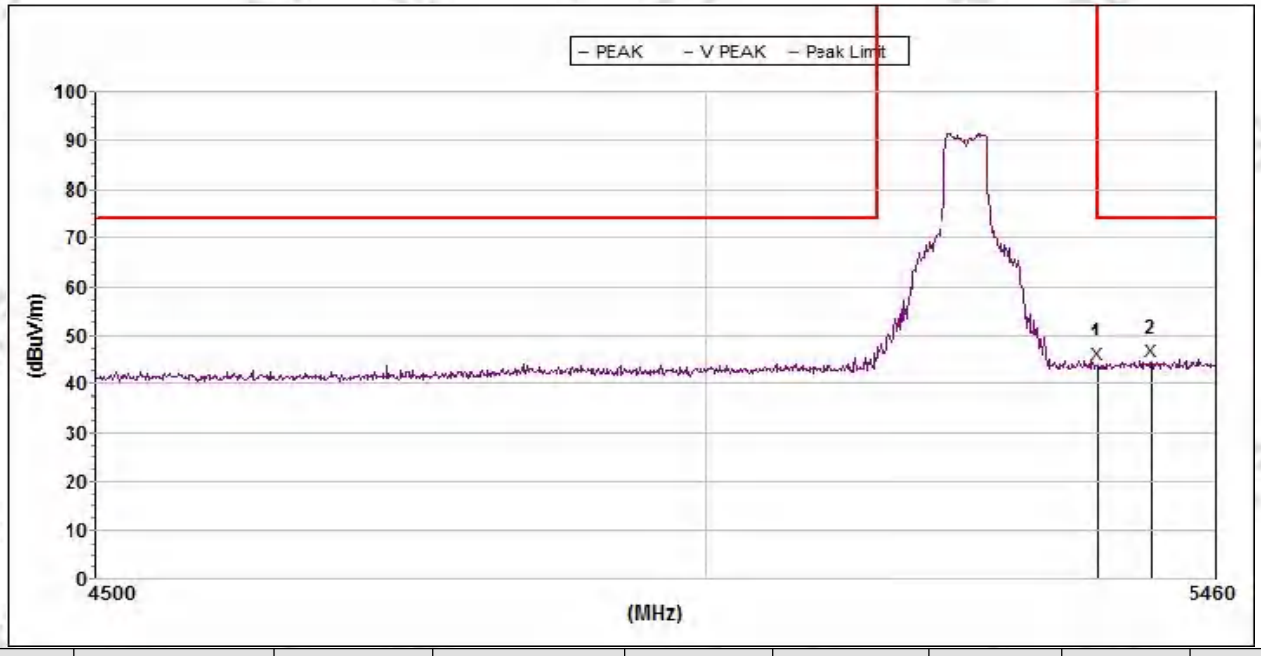
GFSK-High

802.11n40_5230MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.010000	43.3	74.0	30.7	32.8	57.9	3.9	H
2	5442.080737	44.9	74.0	29.1	32.8	58.0	3.9	H

Vertical

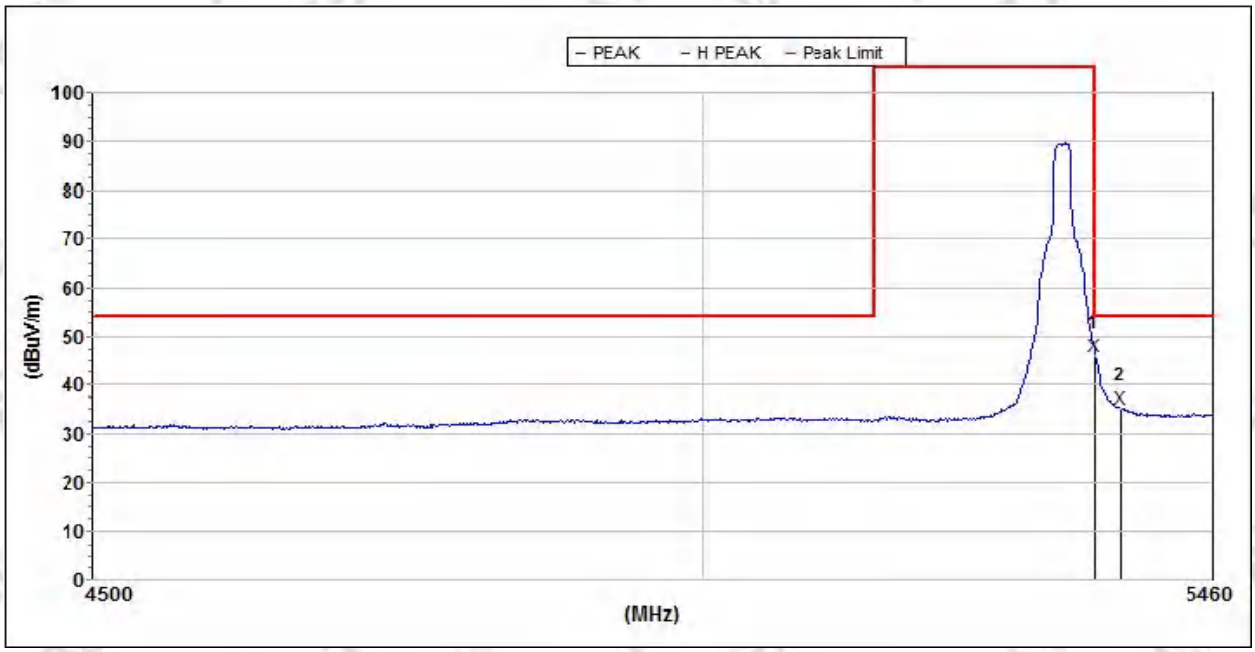


Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.000000	44.1	125.2	81.1	32.8	57.9	3.9	V
2	5399.105269	44.9	74.0	29.1	32.7	58.0	3.9	V

(5250MHz-5350MHz)

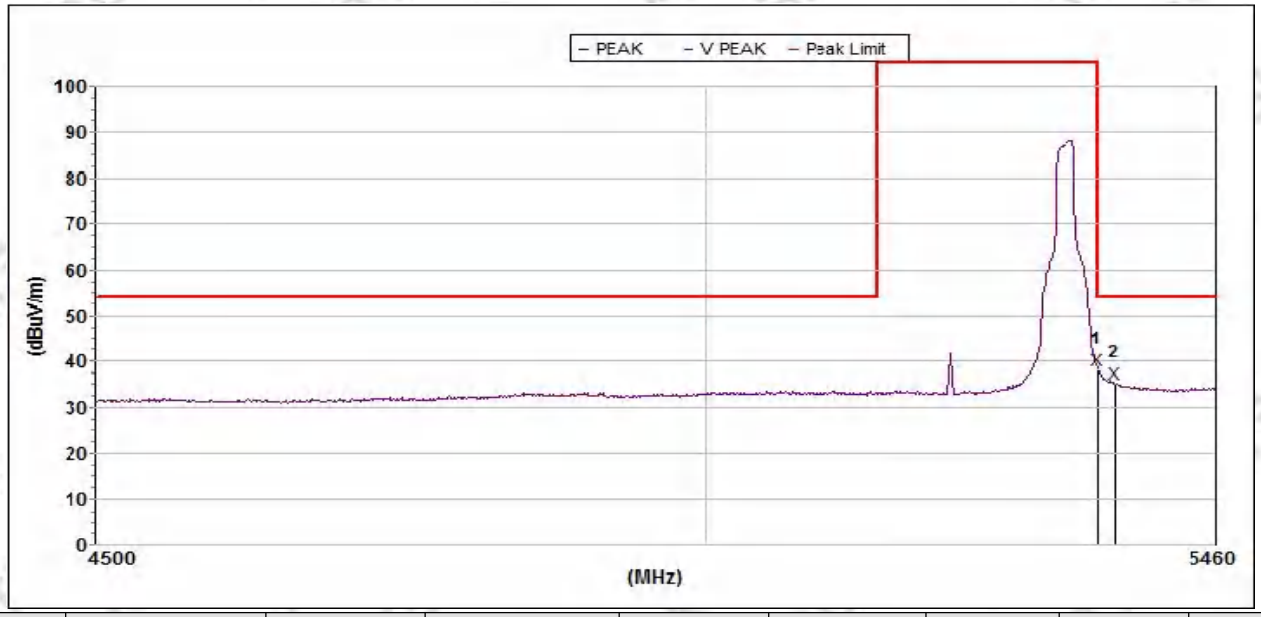
GFSK-High

802.11a_5320MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.010000	46.0	54.0	8.0	32.8	57.9	3.9	H
2	5373.067444	35.3	54.0	18.7	32.8	57.9	3.9	H

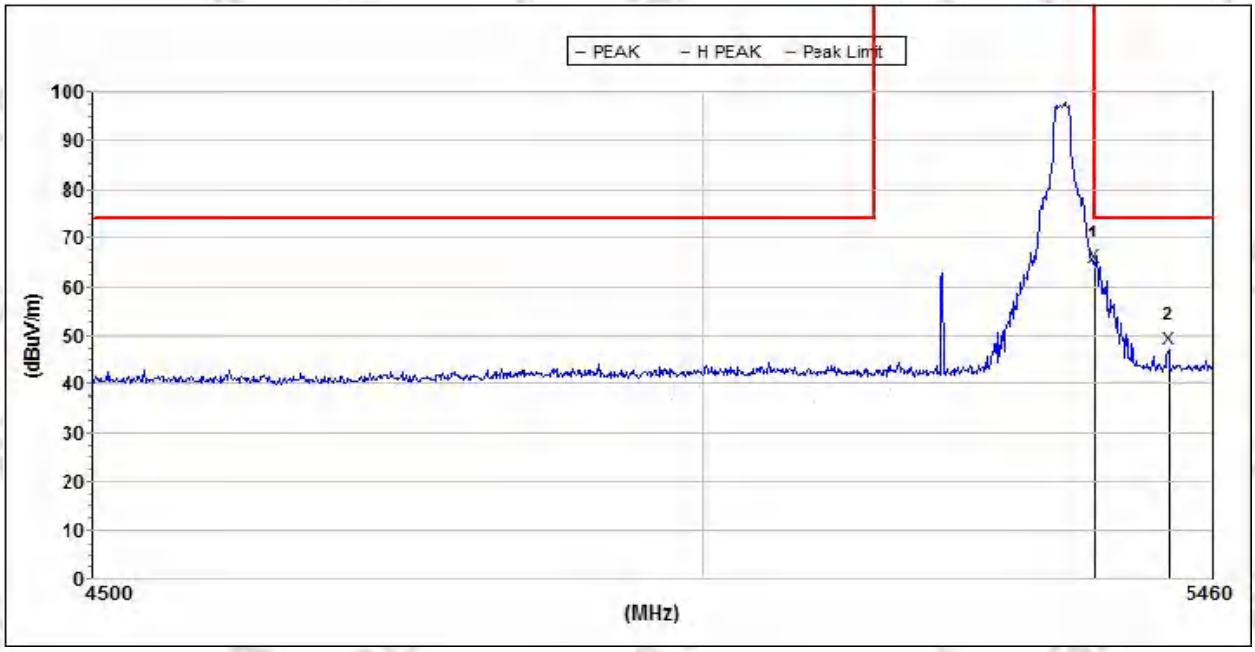
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.010000	38.2	54.0	15.8	32.8	57.9	3.9	V
2	5365.799382	35.1	54.0	18.9	32.8	57.9	3.9	V

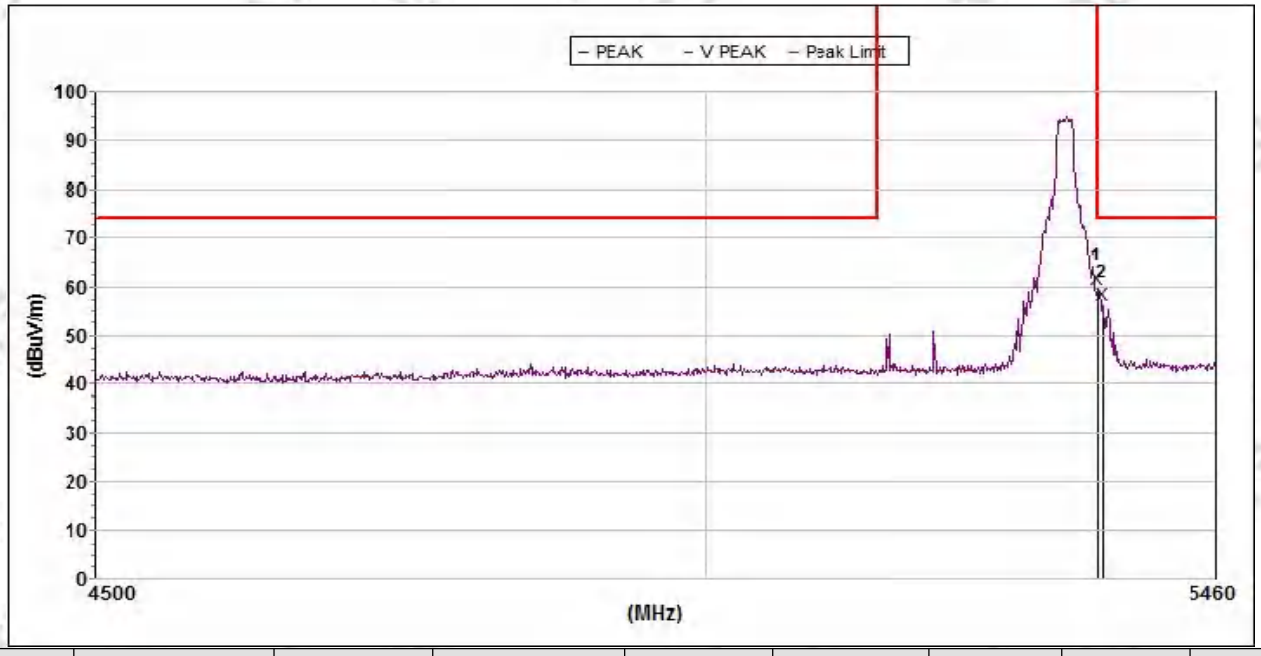
GFSK-High

802.11a_5320MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.010000	64.1	74.0	9.9	32.8	57.9	3.9	H
2	5417.930598	47.4	74.0	26.6	32.7	58.0	3.9	H

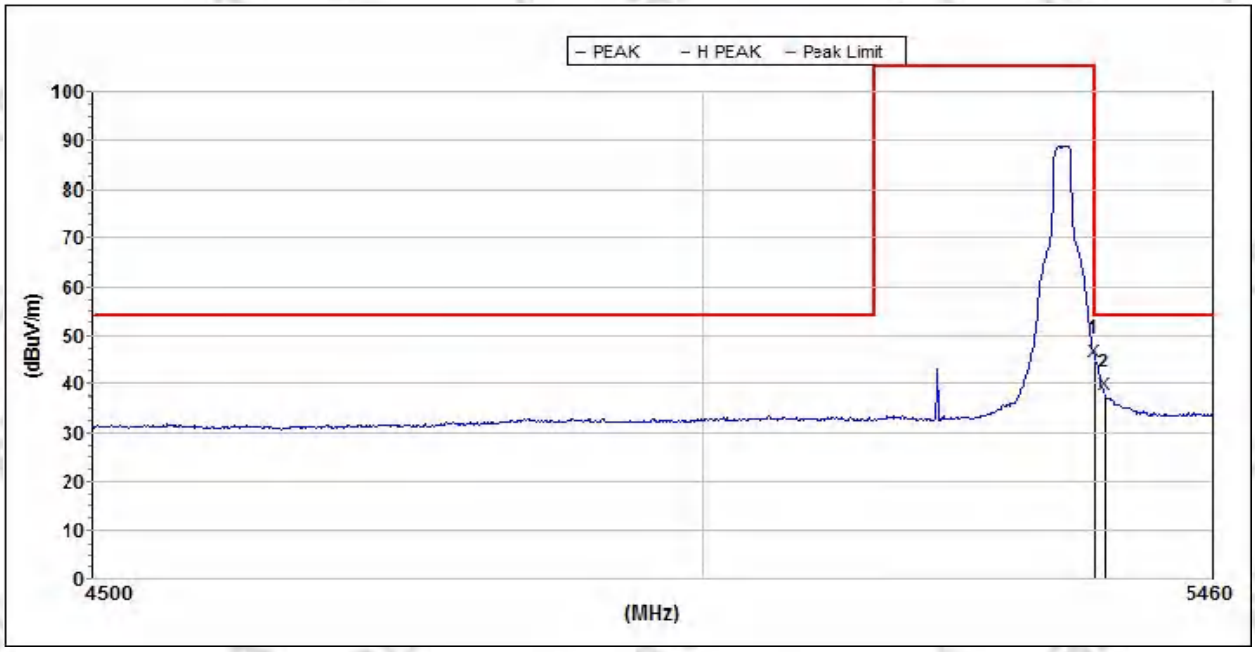
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.010000	59.5	74.0	14.5	32.8	57.9	3.9	V
2	5354.397999	56.3	74.0	17.7	32.8	57.9	3.9	V

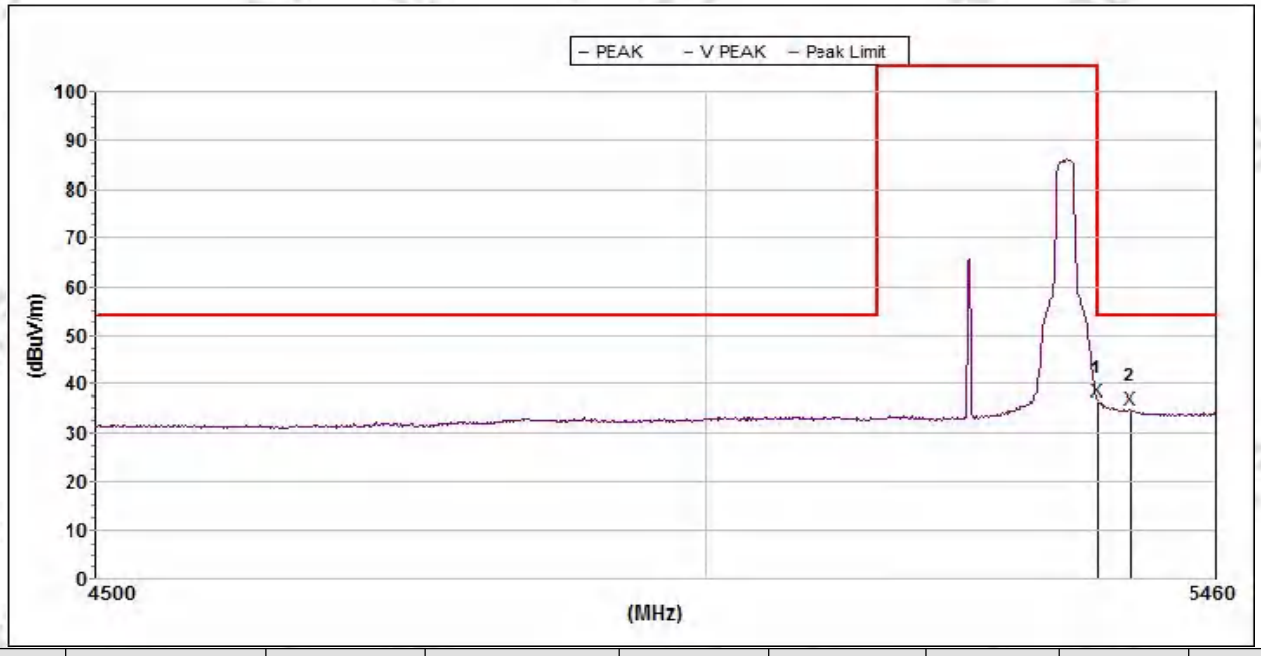
GFSK-High

802.11n20_5320MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5350.010000	44.9	54.0	9.1	32.8	57.9	3.9	H
2	5359.577439	37.8	54.0	16.2	32.8	57.9	3.9	H

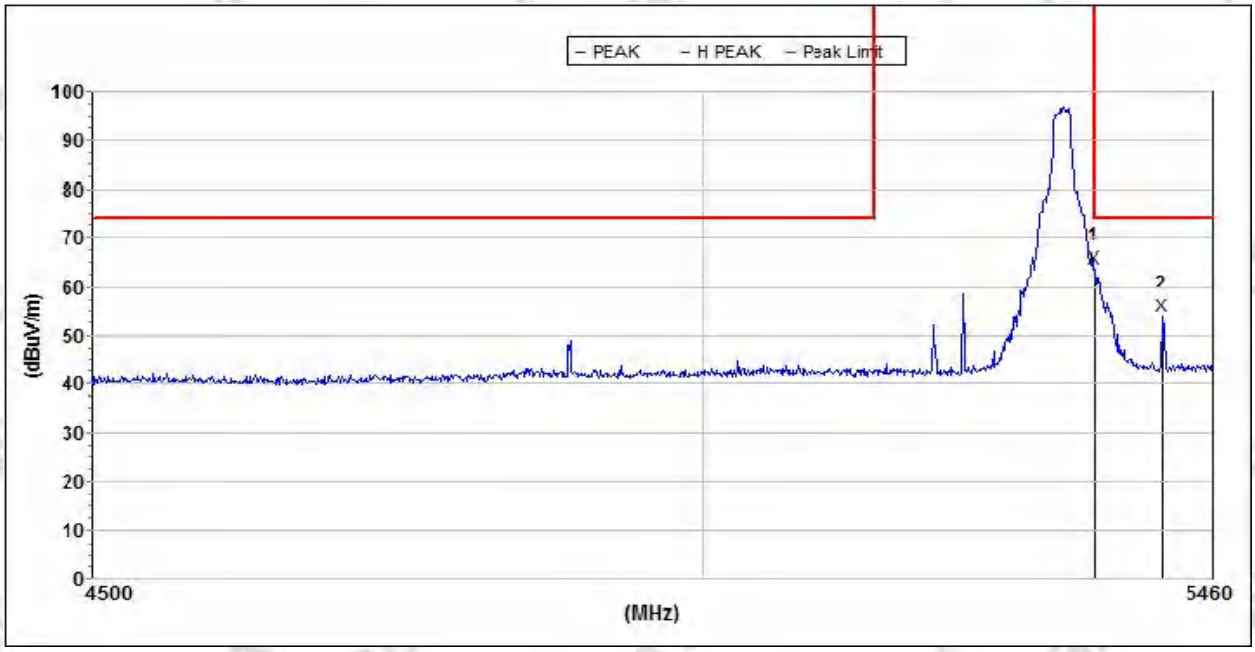
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5350.010000	36.4	54.0	17.6	32.8	57.9	3.9	V
2	5379.305047	35.0	54.0	19.0	32.8	57.9	3.9	V

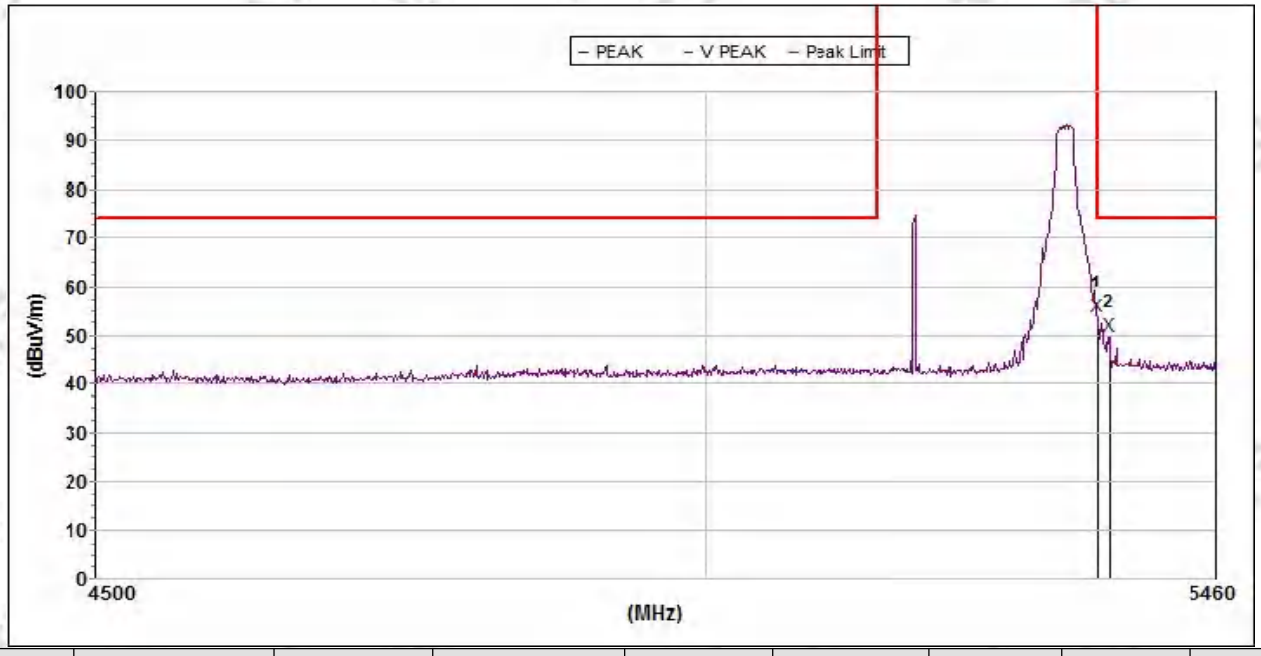
GFSK-High

802.11n20_5320MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.010000	63.7	74.0	10.3	32.8	57.9	3.9	H
2	5411.648206	54.1	74.0	19.9	32.7	58.0	3.9	H

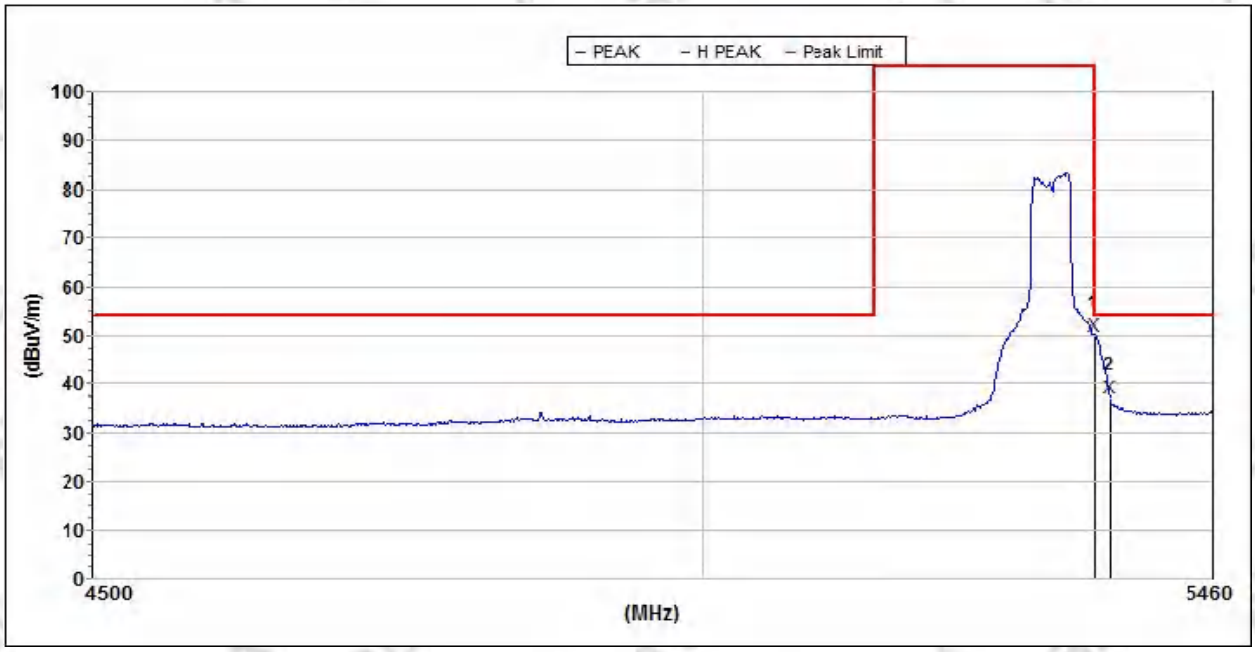
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.010000	54.1	74.0	19.9	32.8	57.9	3.9	V
2	5360.613928	50.0	74.0	24.0	32.8	57.9	3.9	V

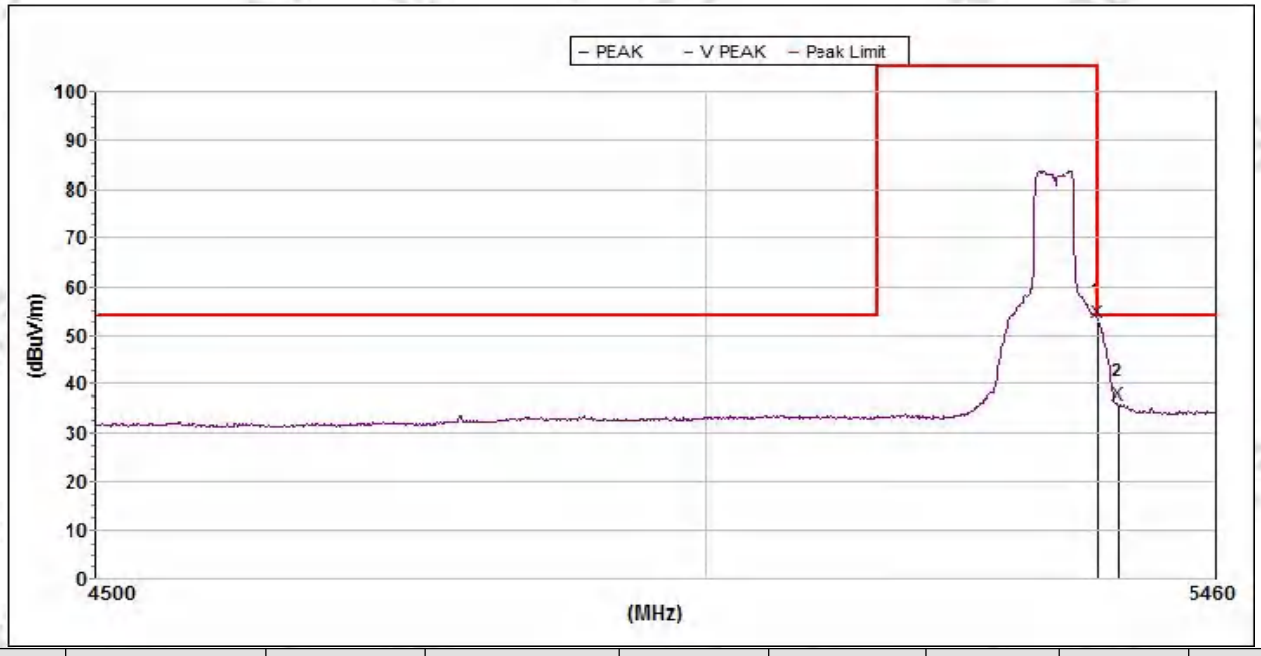
GFSK-High

802.11n40_5310MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.010000	50.0	54.0	4.0	32.8	57.9	3.9	H
2	5363.724599	37.2	54.0	16.8	32.8	57.9	3.9	H

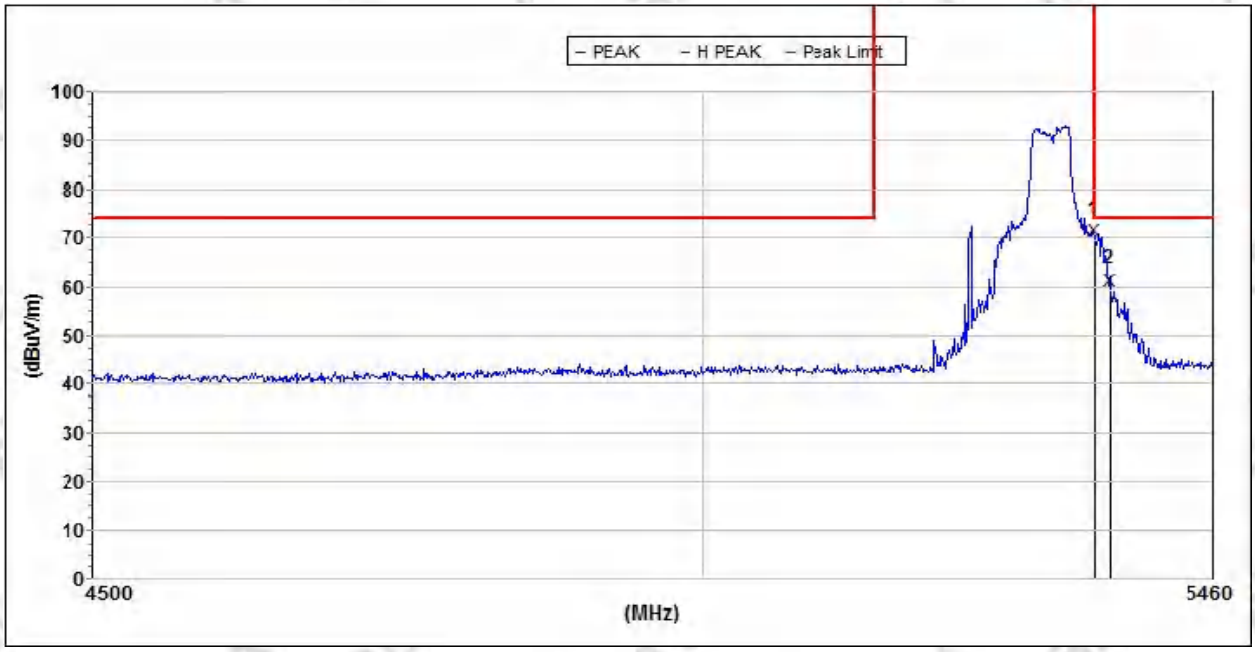
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5350.010000	52.6	54.0	1.4	32.8	57.9	3.9	V
2	5368.913061	36.0	54.0	18.0	32.8	57.9	3.9	V

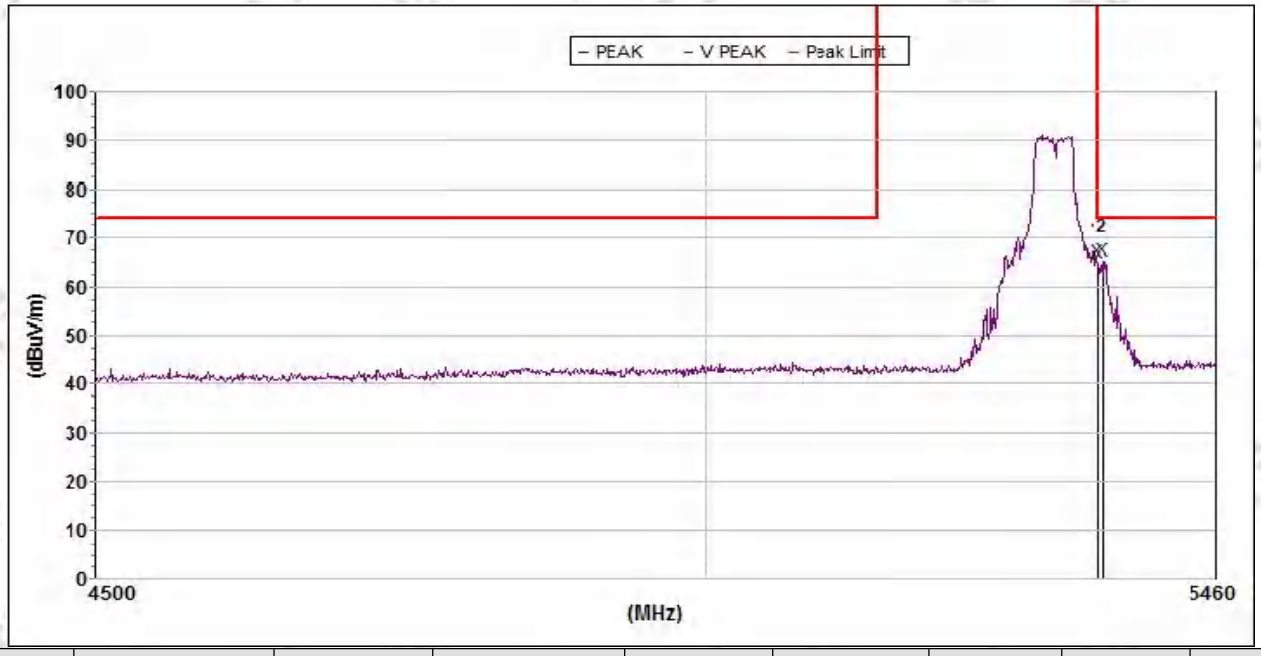
GFSK-High

802.11n40_5310MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.010000	69.5	74.0	4.5	32.8	57.9	3.9	H
2	5364.761890	59.1	74.0	14.9	32.8	57.9	3.9	H

Vertical

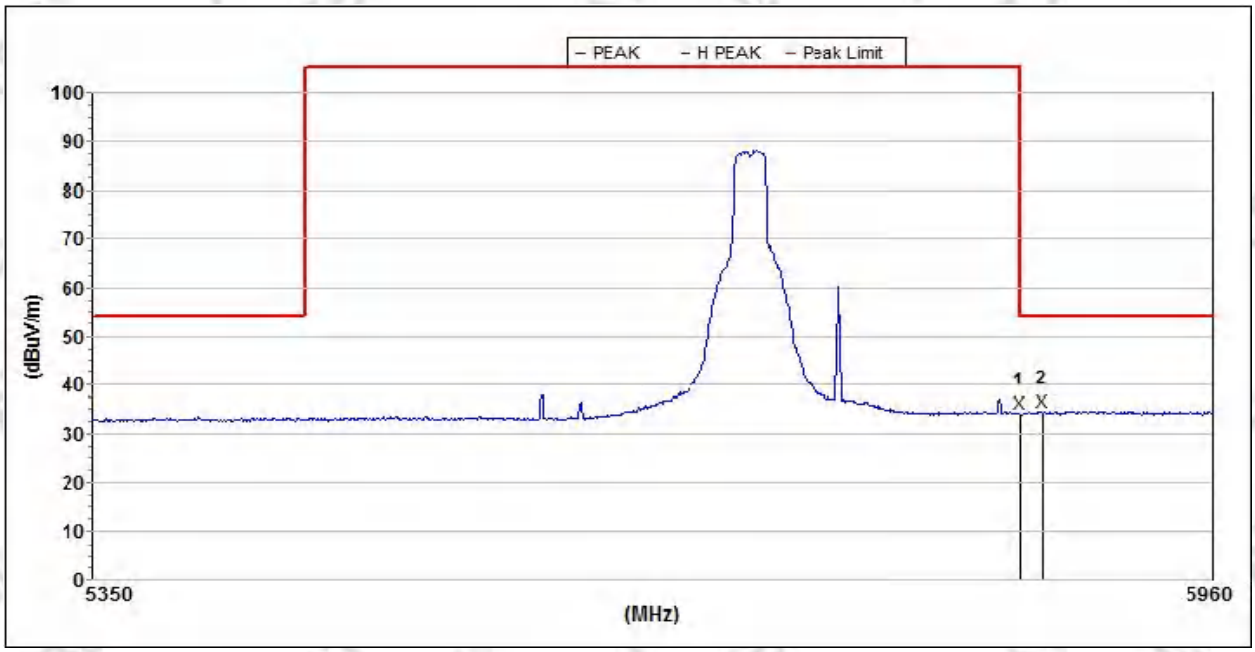


Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5350.010000	65.1	74.0	8.9	32.8	57.9	3.9	V
2	5354.397999	65.3	74.0	8.7	32.8	57.9	3.9	V

(5470MHz-5725MHz)

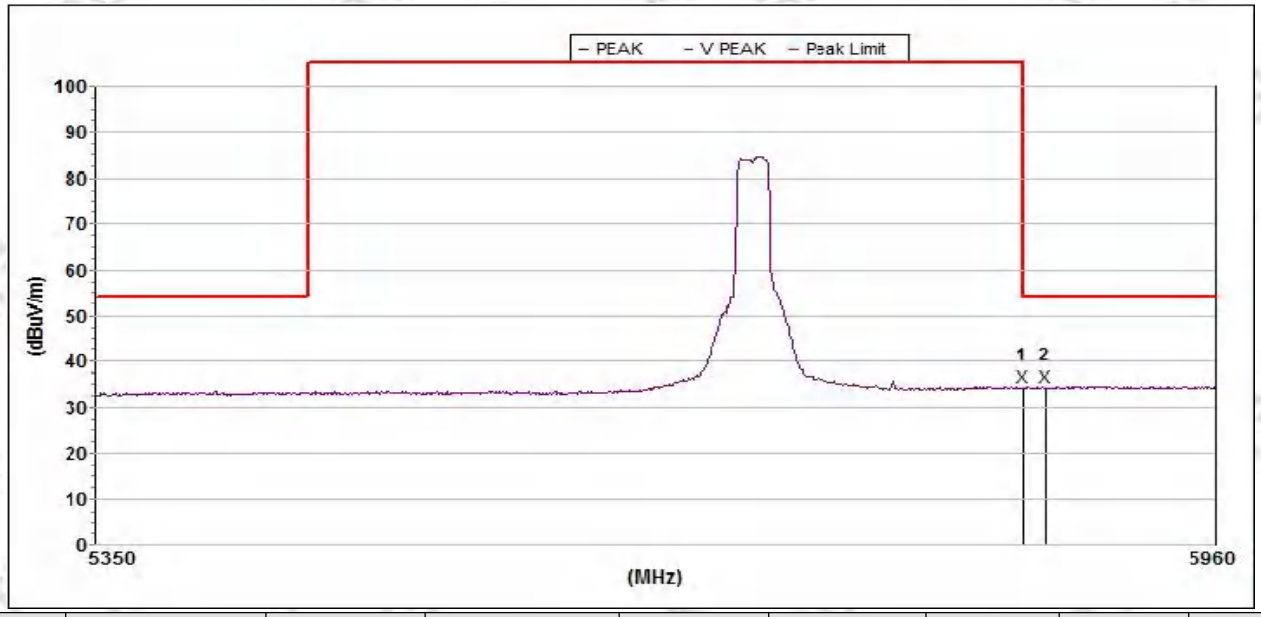
GFSK-High

802.11a_5700MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	34.2	54.0	19.8	33.9	58.1	4.1	H
2	5862.349556	34.6	54.0	19.4	33.9	58.1	4.1	H

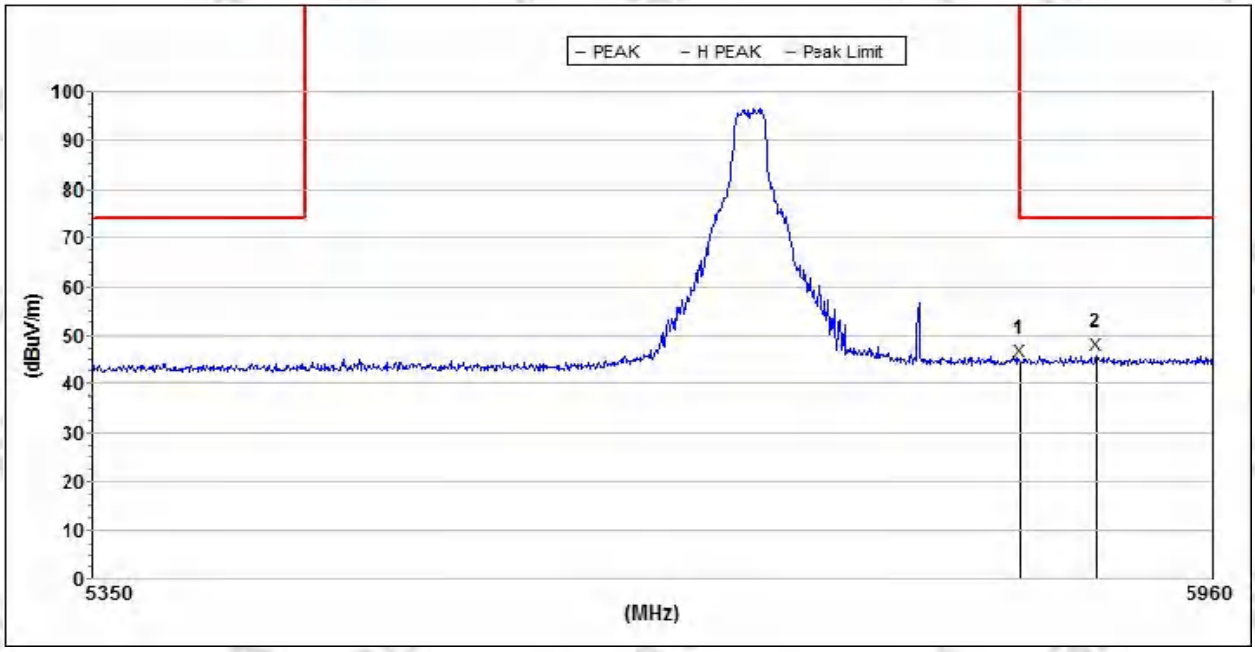
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	34.4	54.0	19.6	33.9	58.1	4.1	V
2	5862.349556	34.6	54.0	19.4	33.9	58.1	4.1	V

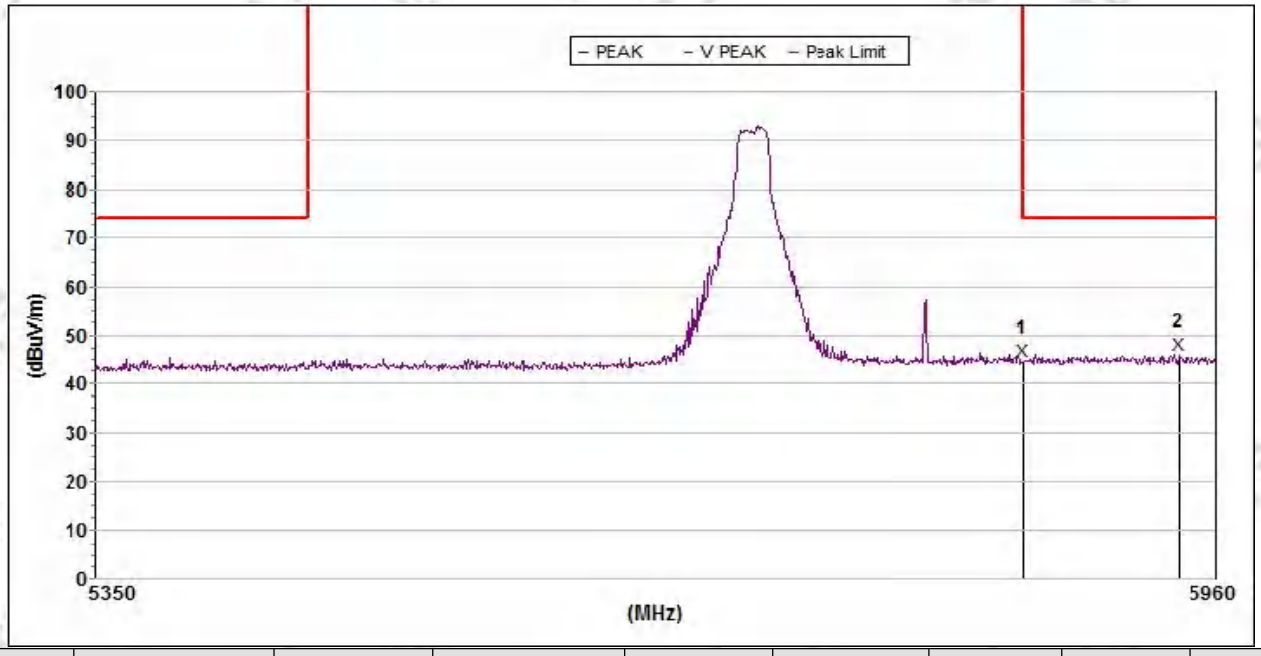
GFSK-High

802.11a_5700MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	44.7	74.0	29.3	33.9	58.1	4.1	H
2	5893.447811	46.2	74.0	27.8	34.0	58.1	4.1	H

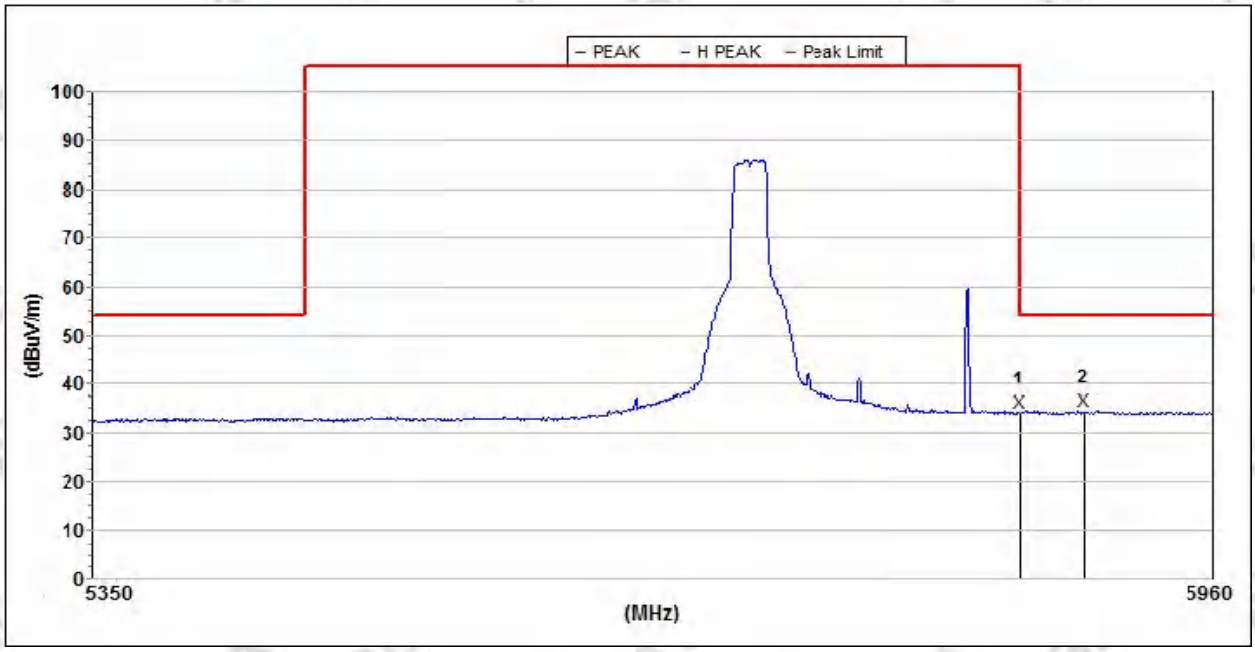
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	44.7	74.0	29.3	33.9	58.1	4.1	V
2	5938.801478	46.2	74.0	27.8	34.0	58.1	4.1	V

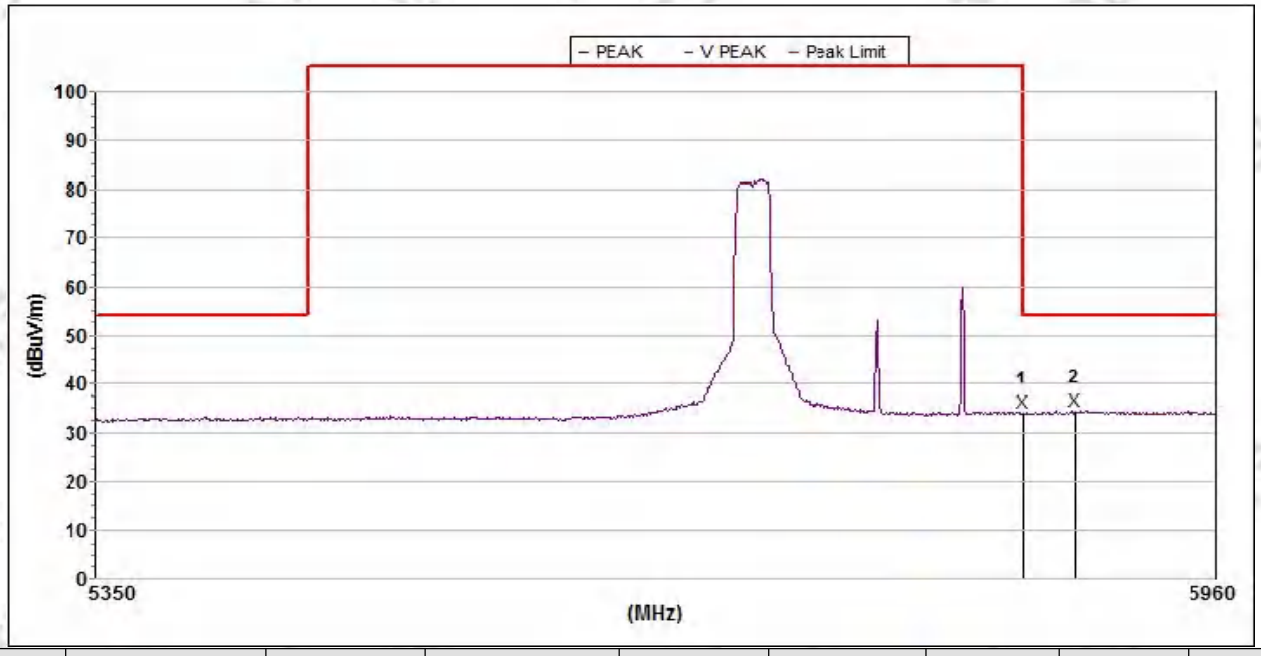
GFSK-High

802.11n20_5700MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5850.010000	34.2	54.0	19.8	33.9	58.1	4.1	H
2	5886.452241	34.6	54.0	19.4	34.0	58.1	4.1	H

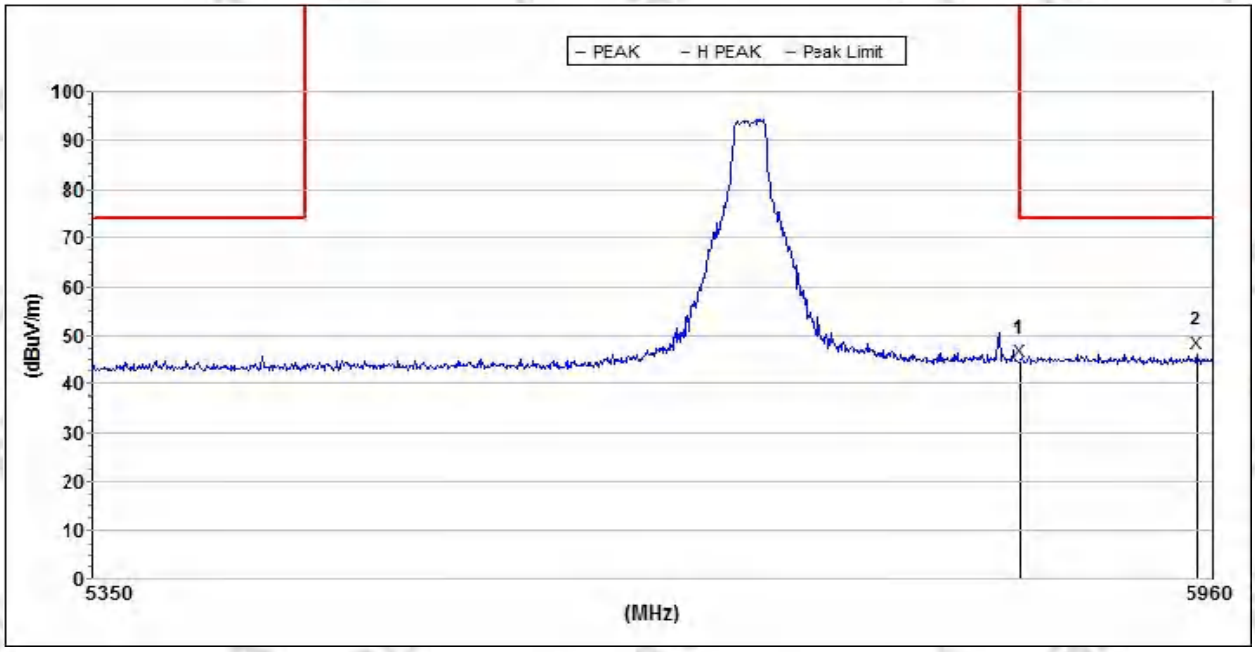
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Avg								
1	5850.010000	34.1	54.0	19.9	33.9	58.1	4.1	V
2	5880.099838	34.7	54.0	19.3	34.0	58.1	4.1	V

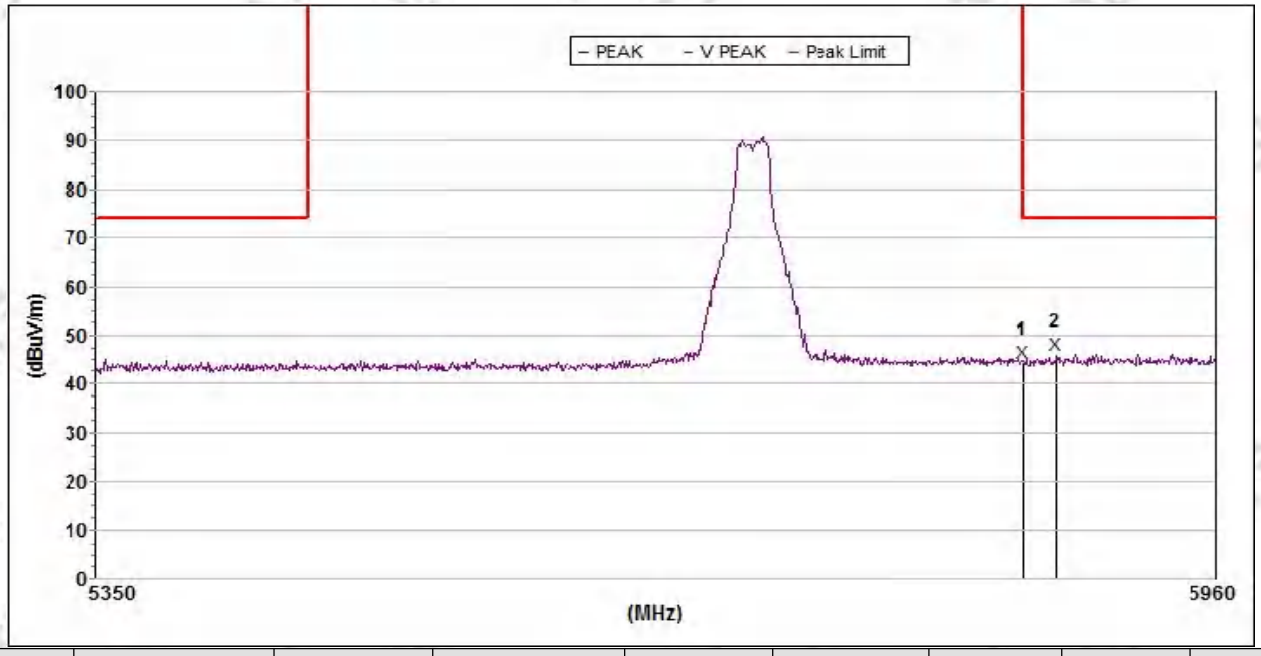
GFSK-High

802.11n20_5700MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	44.9	74.0	29.1	33.9	58.1	4.1	H
2	5950.997462	46.5	74.0	27.5	34.0	58.0	4.1	H

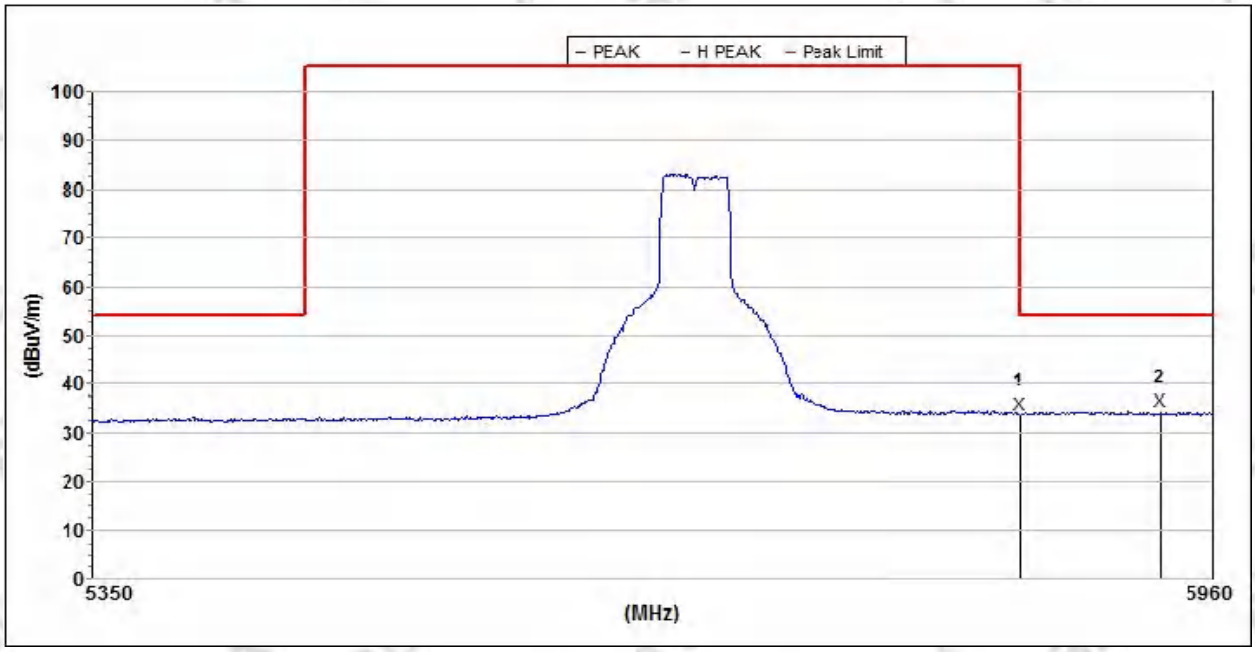
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	44.4	74.0	29.6	33.9	58.1	4.1	V
2	5868.682783	46.1	74.0	27.9	33.9	58.1	4.1	V

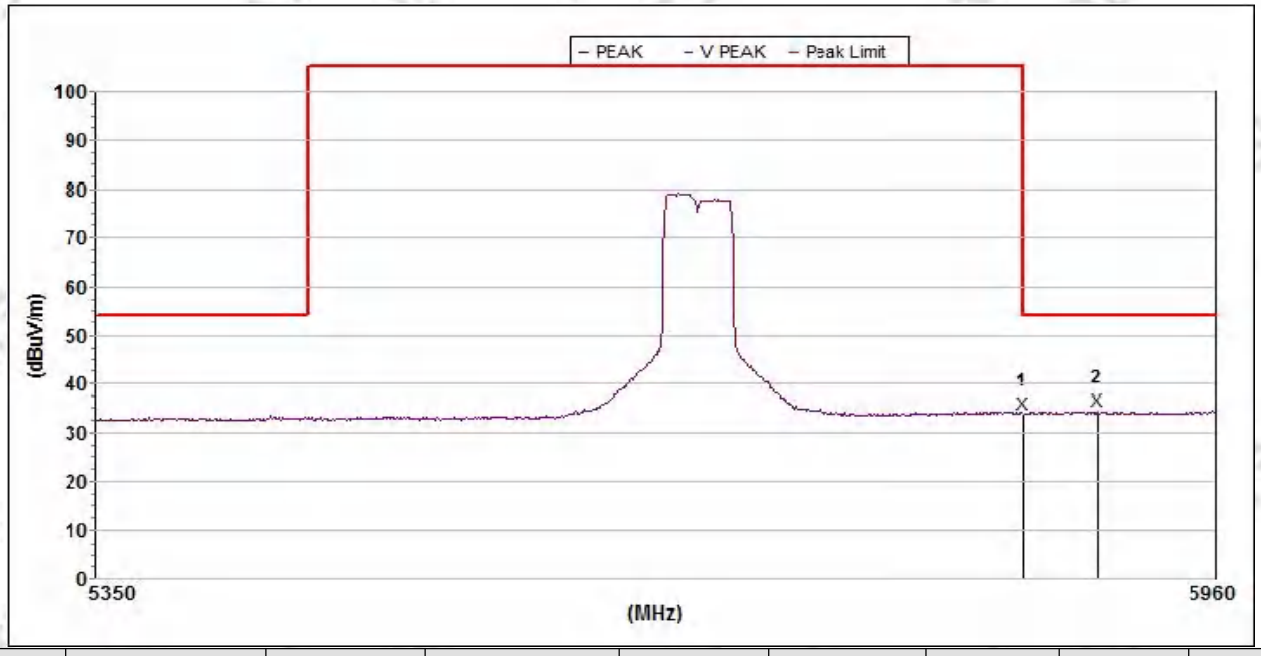
GFSK-High

802.11n40_5670MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	34.0	54.0	20.0	33.9	58.1	4.1	H
2	5929.830961	34.5	54.0	19.5	34.0	58.1	4.1	H

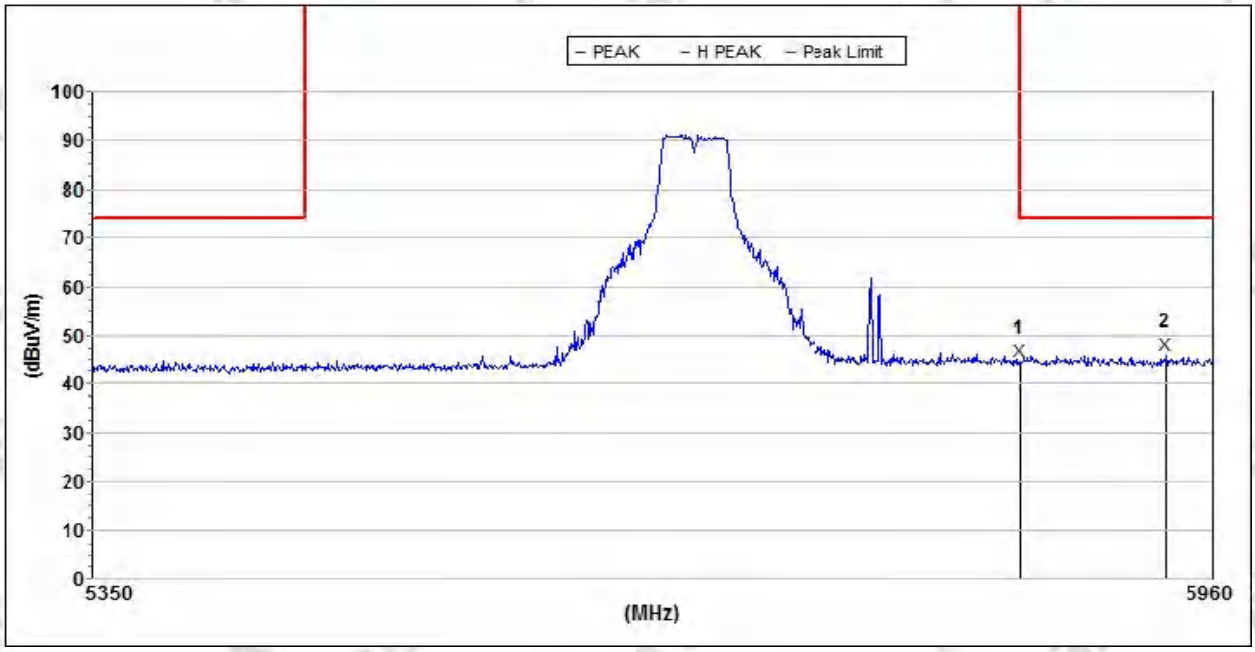
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	34.0	54.0	20.0	33.9	58.1	4.1	V
2	5892.175272	34.4	54.0	19.6	34.0	58.1	4.1	V

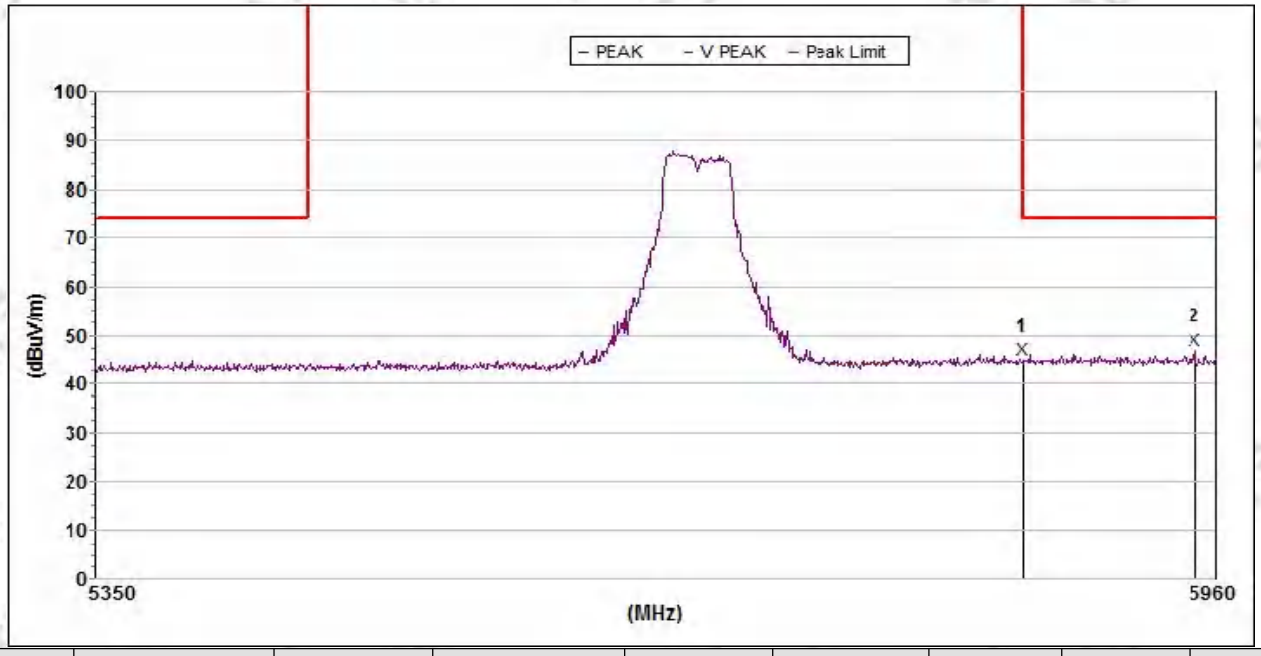
GFSK-High

802.11n40_5670MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	44.8	74.0	29.2	33.9	58.1	4.1	H
2	5933.033161	45.9	74.0	28.1	34.0	58.1	4.1	H

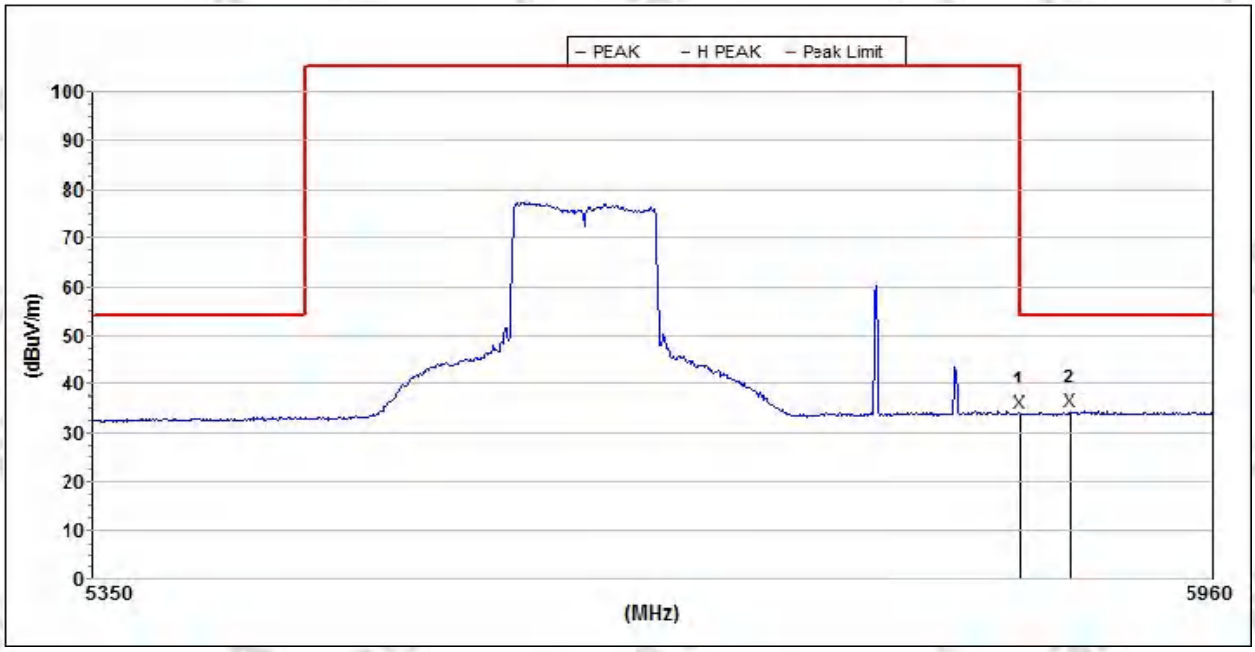
Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	45.1	74.0	28.9	33.9	58.1	4.1	V
2	5947.785567	47.1	74.0	26.9	34.0	58.0	4.1	V

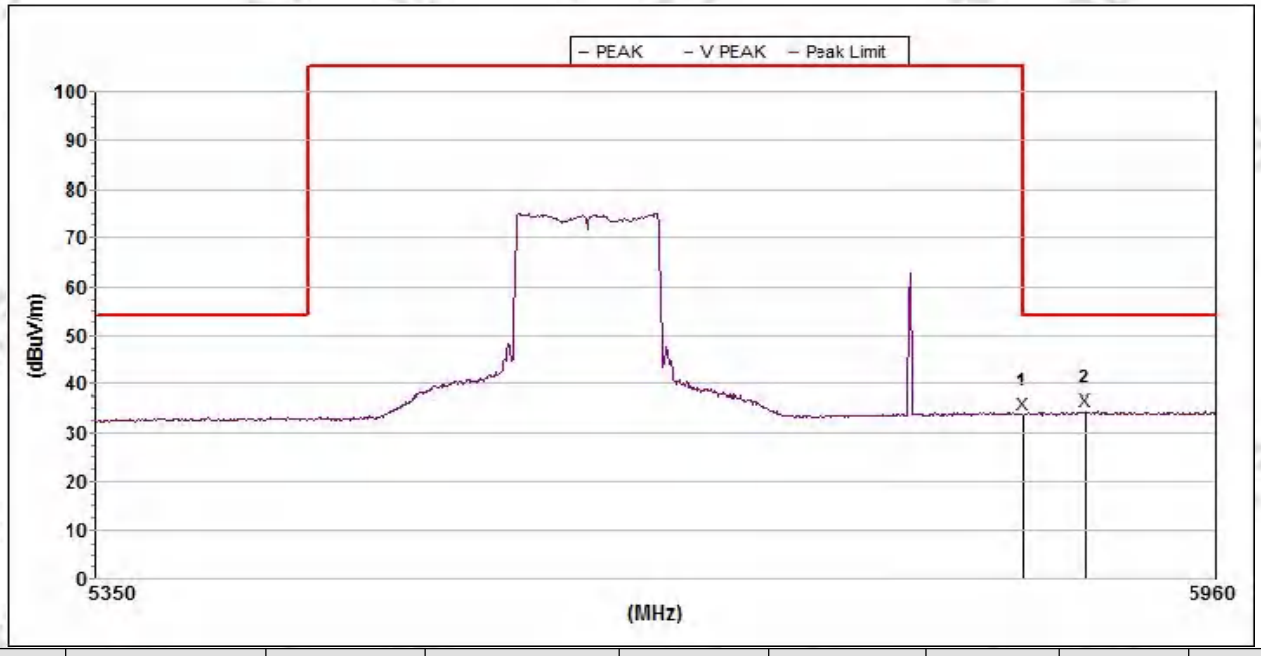
GFSK-High

802.11ac80_5610MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	34.2	54.0	19.8	33.9	58.1	4.1	H
2	5879.464975	34.4	54.0	19.6	34.0	58.1	4.1	H

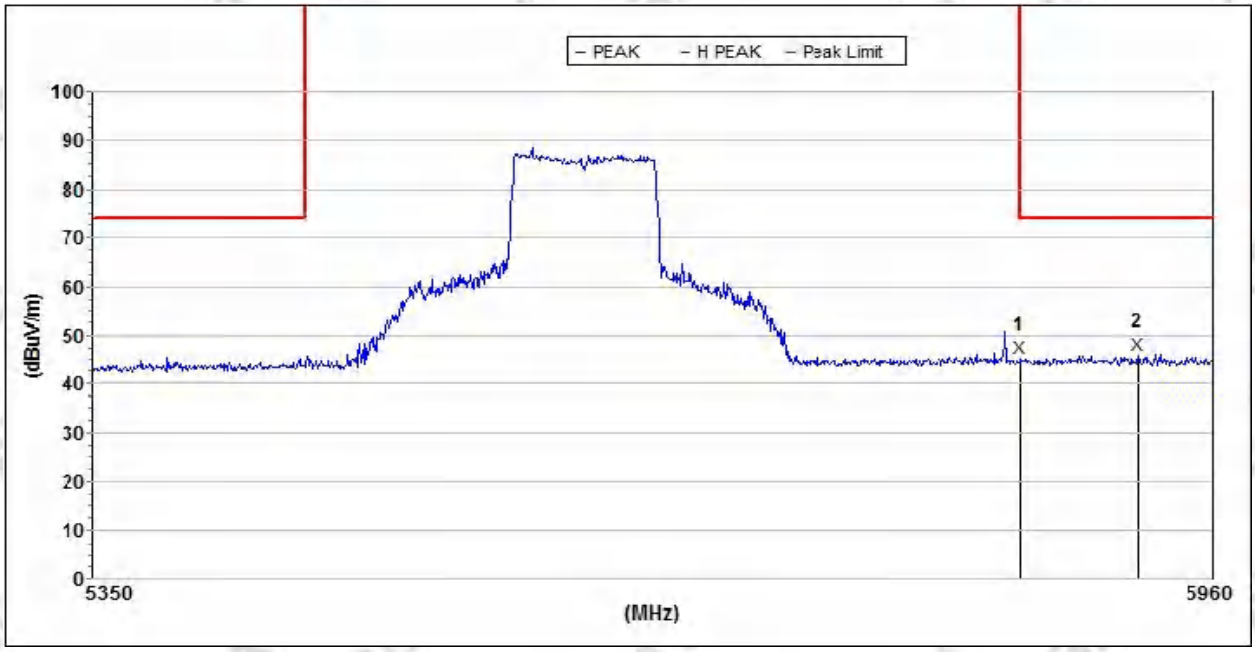
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	33.8	54.0	20.2	33.9	58.1	4.1	V
2	5885.816692	34.4	54.0	19.6	34.0	58.1	4.1	V

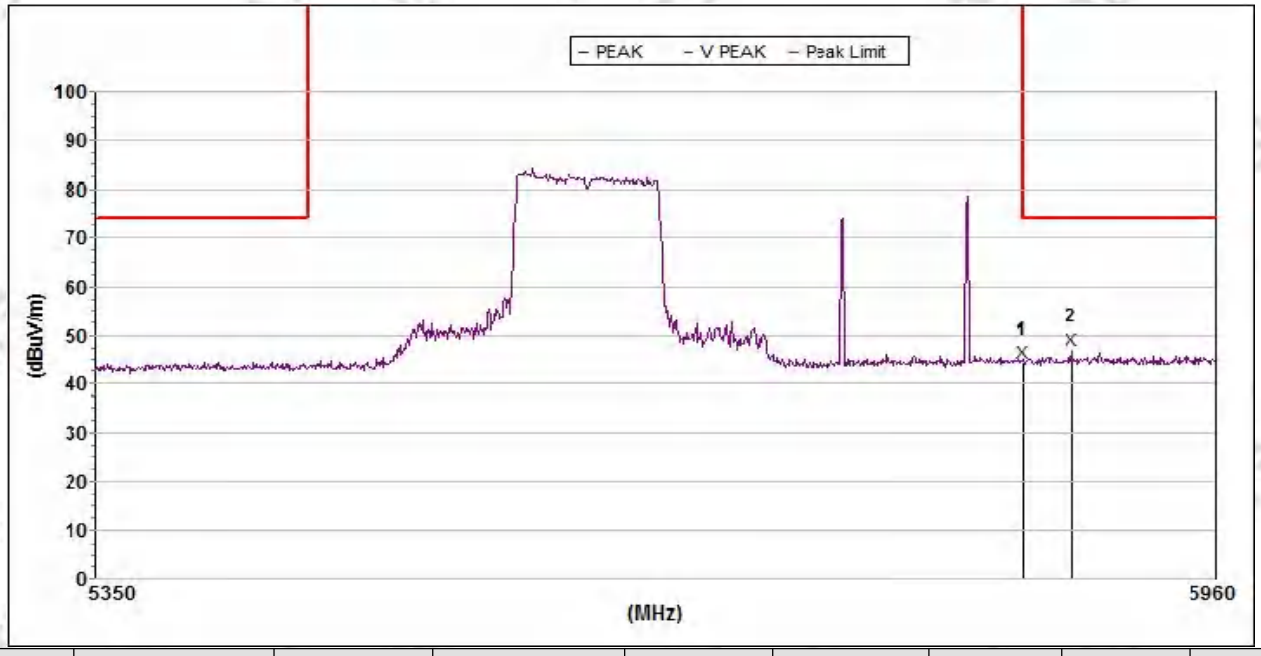
GFSK-Low

802.11ac80_5610MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	45.3	74.0	28.7	33.9	58.1	4.1	H
2	5917.039435	46.0	74.0	28.0	34.0	58.1	4.1	H

Vertical

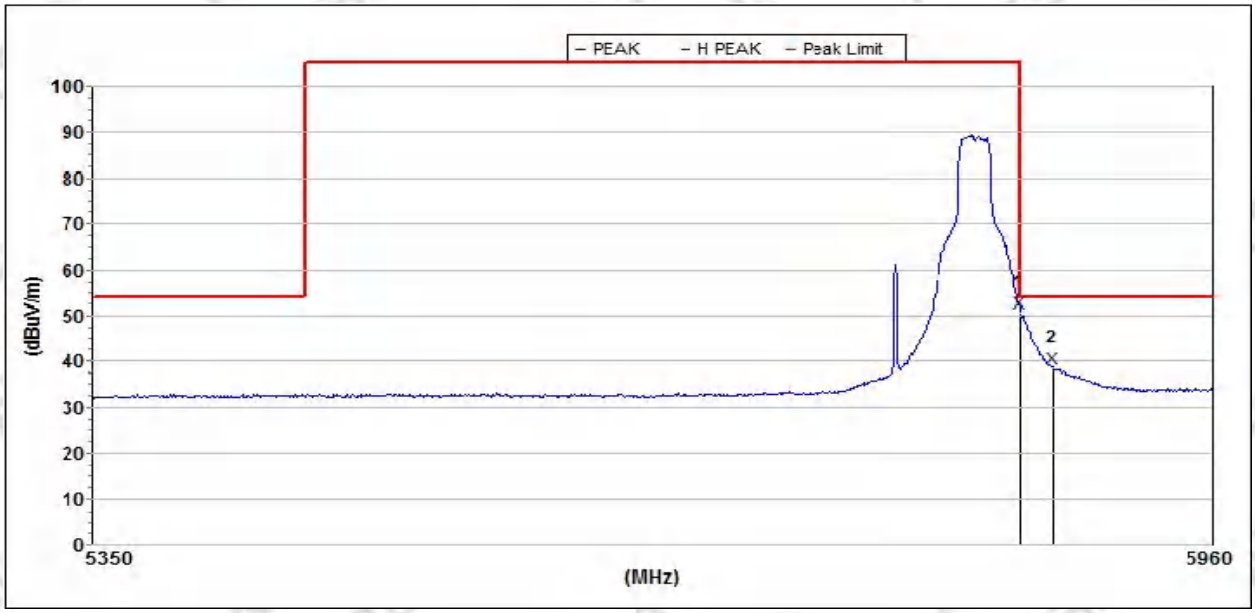


Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	2387.597392	41.3	74.0	32.7	27.3	59.6	2.8	V
2	2390.000000	37.7	74.0	36.3	27.3	59.6	2.8	V

(5725MHz-5850MHz)

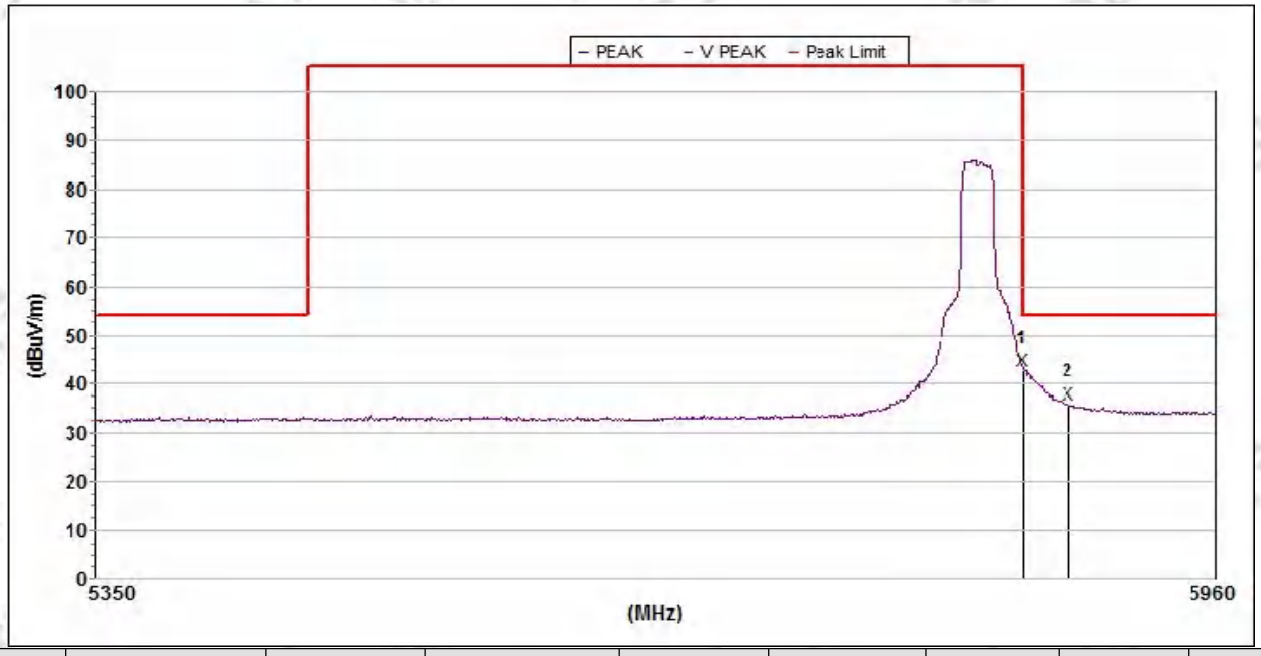
GFSK-High

802.11a_5825MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	50.6	54.0	3.4	33.9	58.1	4.1	H
2	5868.682783	38.4	54.0	15.6	33.9	58.1	4.1	H

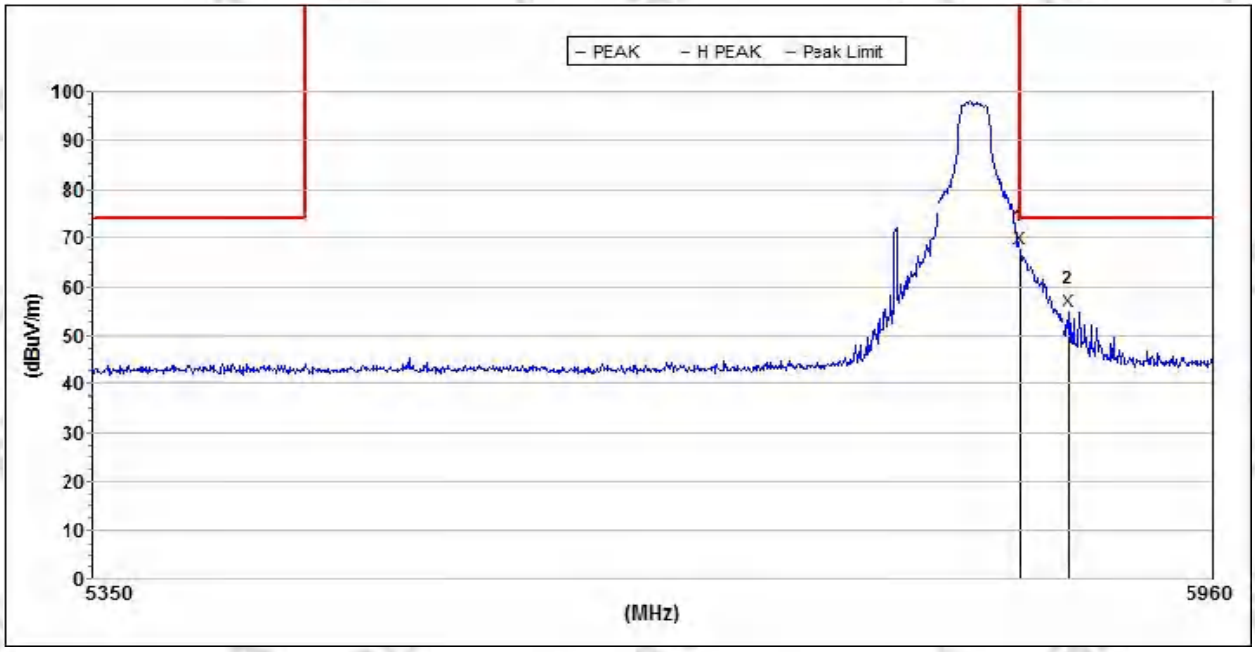
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	42.9	54.0	11.1	33.9	58.1	4.1	V
2	5875.657235	35.9	54.0	18.1	34.0	58.1	4.1	V

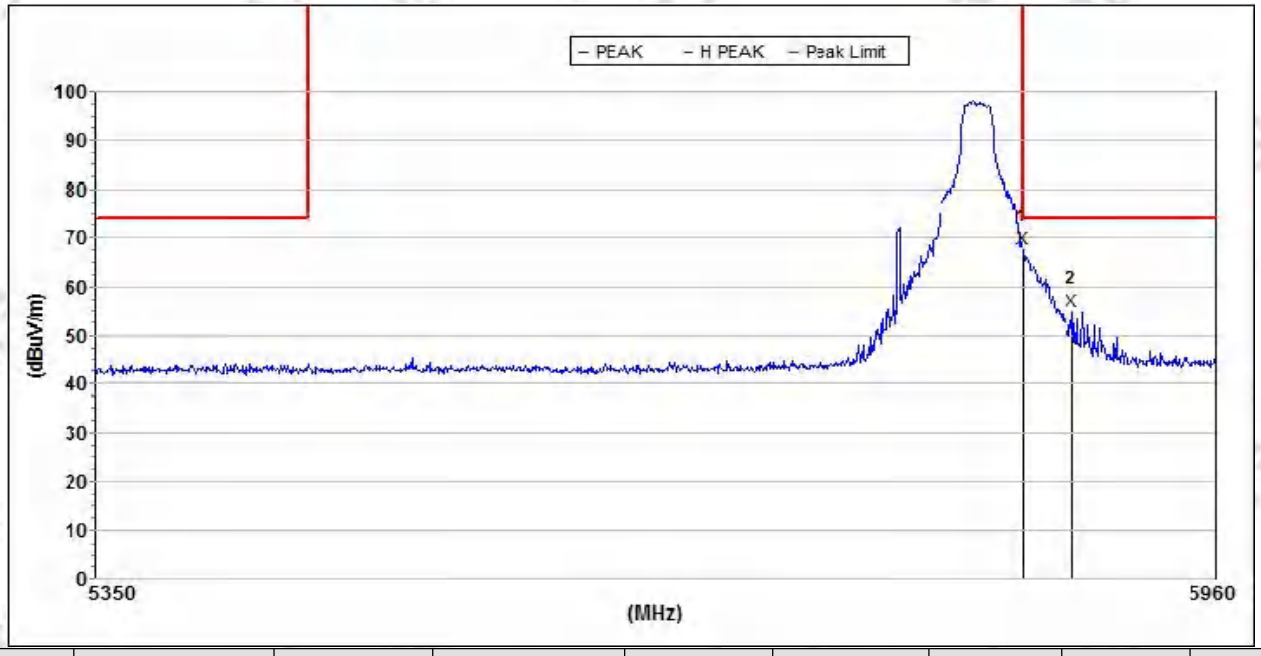
GFSK-High

802.11a_5825MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak:								
1	5850.010000	67.7	74.0	6.3	33.9	58.1	4.1	H
2	5878.195454	54.8	74.0	19.2	34.0	58.1	4.1	H

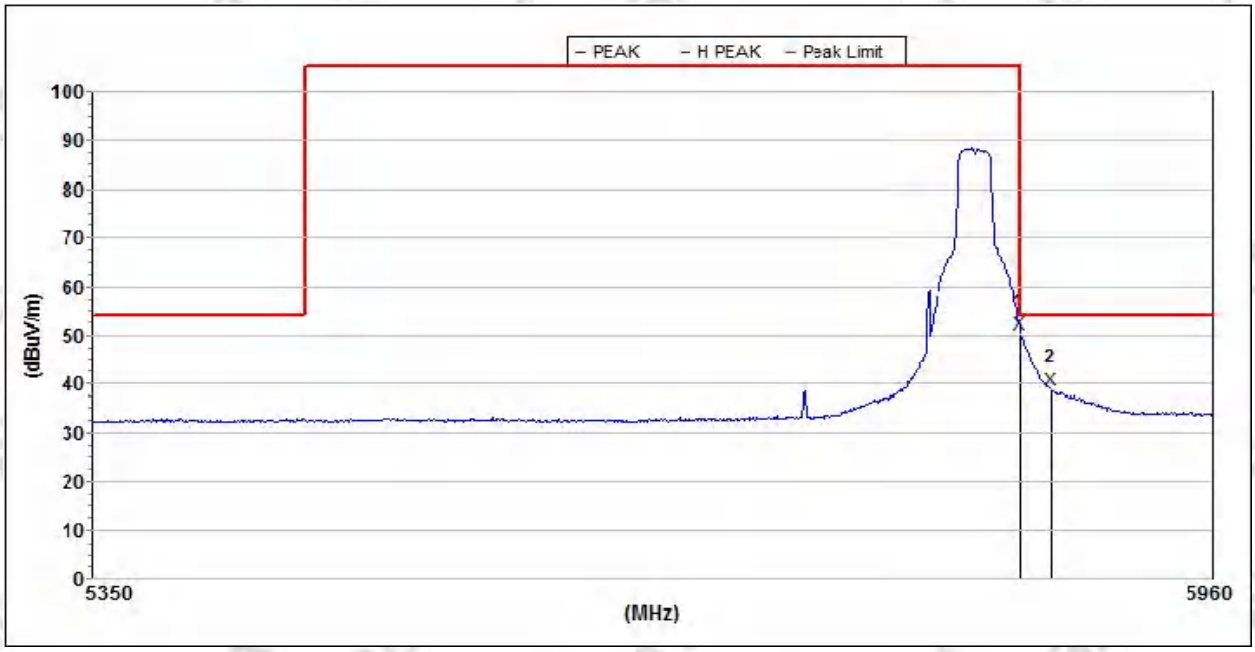
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak:								
1	5850.010000	57.1	74.0	16.9	33.9	58.1	4.1	V
2	5897.267080	50.0	74.0	24.0	34.0	58.1	4.1	V

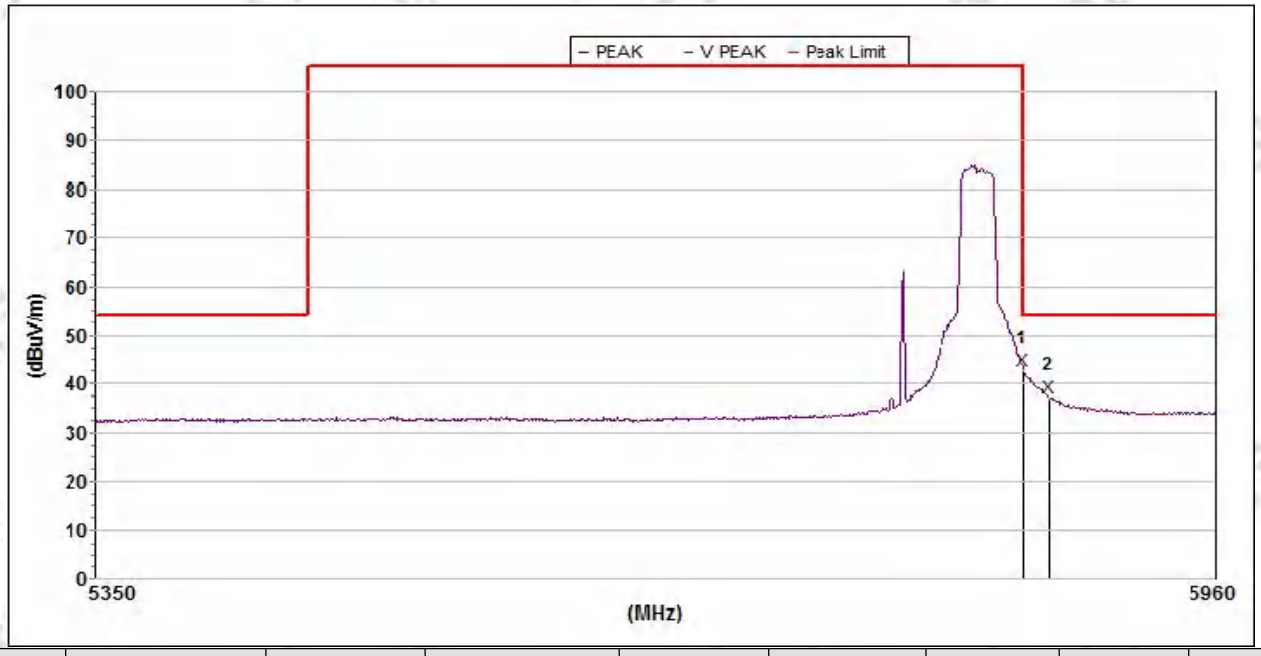
GFSK-High

802.11n20_5825MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	50.3	54.0	3.7	33.9	58.1	4.1	H
2	5867.415590	38.7	54.0	15.3	33.9	58.1	4.1	H

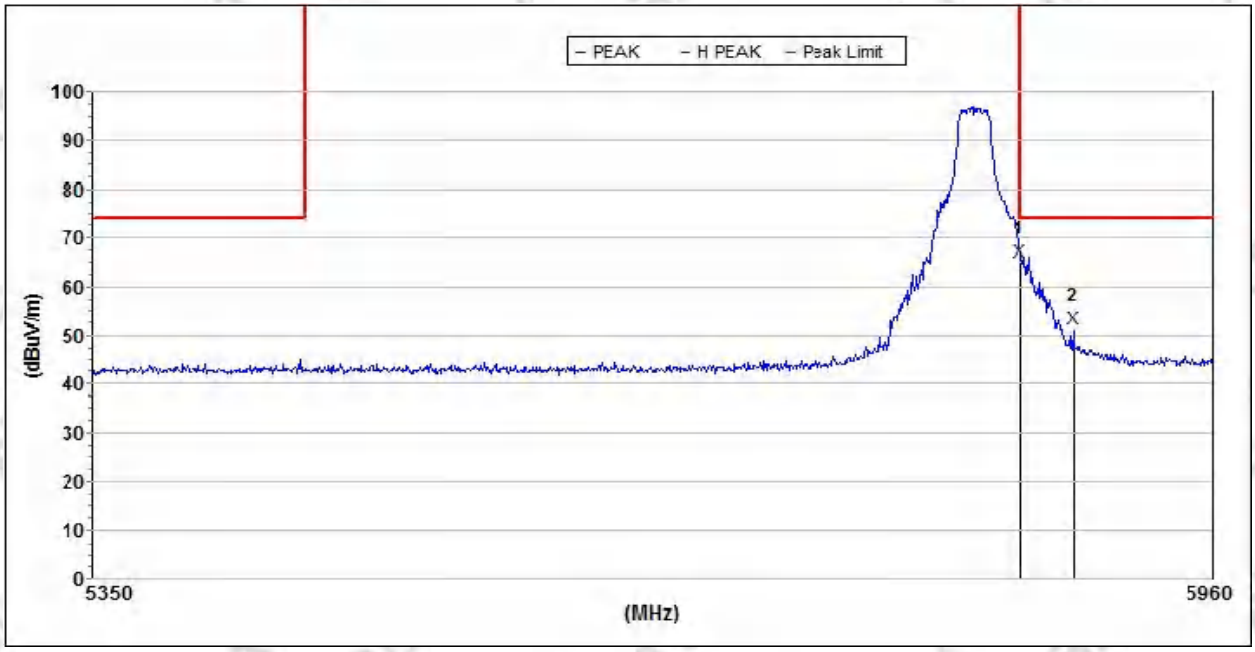
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	42.6	54.0	11.4	33.9	58.1	4.1	V
2	5864.248806	37.3	54.0	16.7	33.9	58.1	4.1	V

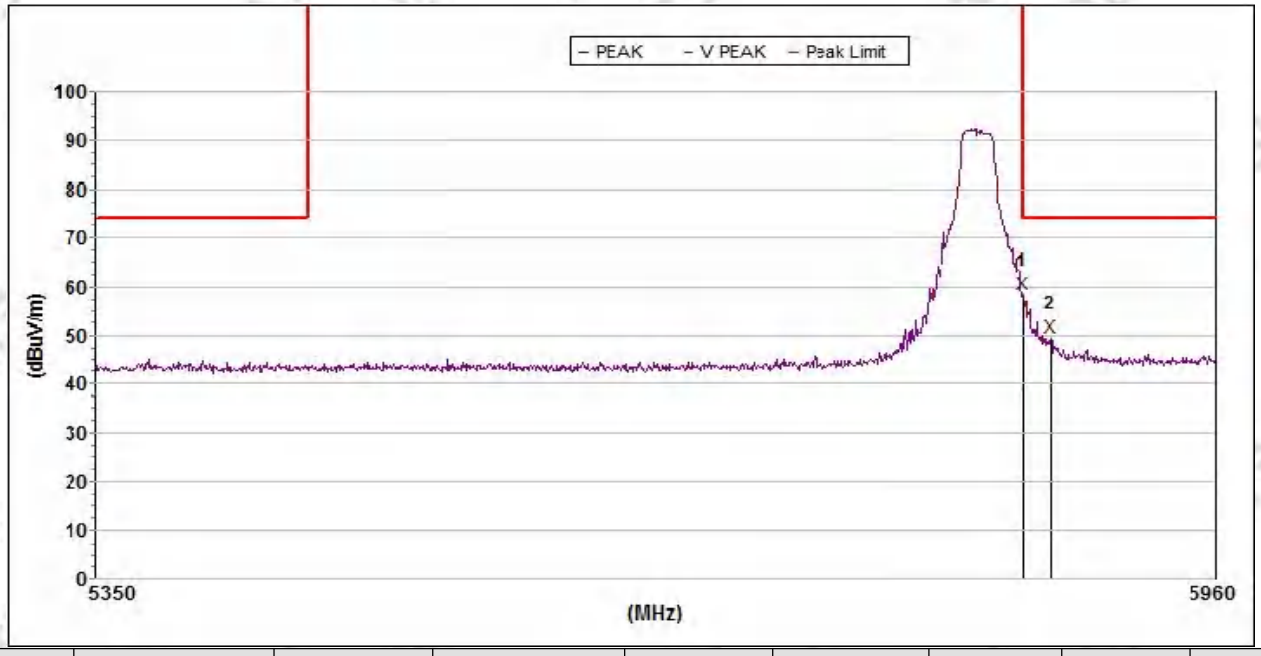
GFSK-High

802.11n20_5825MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak:								
1	5850.010000	65.1	74.0	8.9	33.9	58.1	4.1	H
2	5880.734770	51.2	74.0	22.8	34.0	58.1	4.1	H

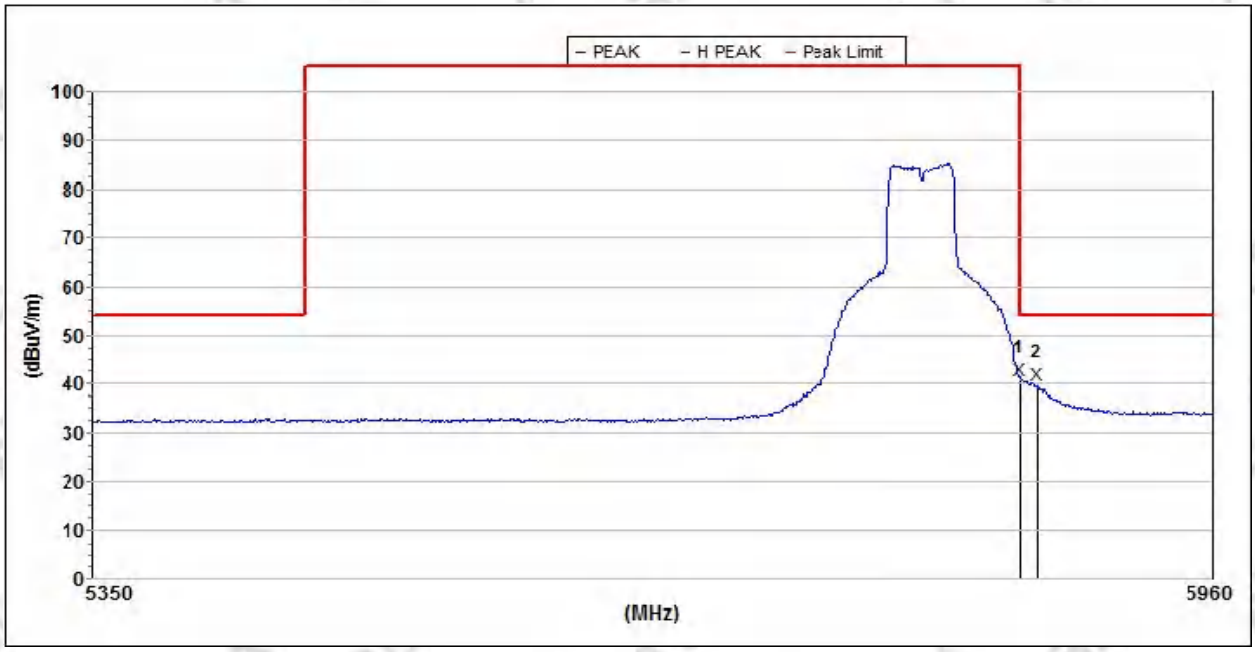
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Peak:								
1	5850.010000	58.7	74.0	15.3	33.9	58.1	4.1	V
2	5865.515314	49.6	74.0	24.4	33.9	58.1	4.1	V

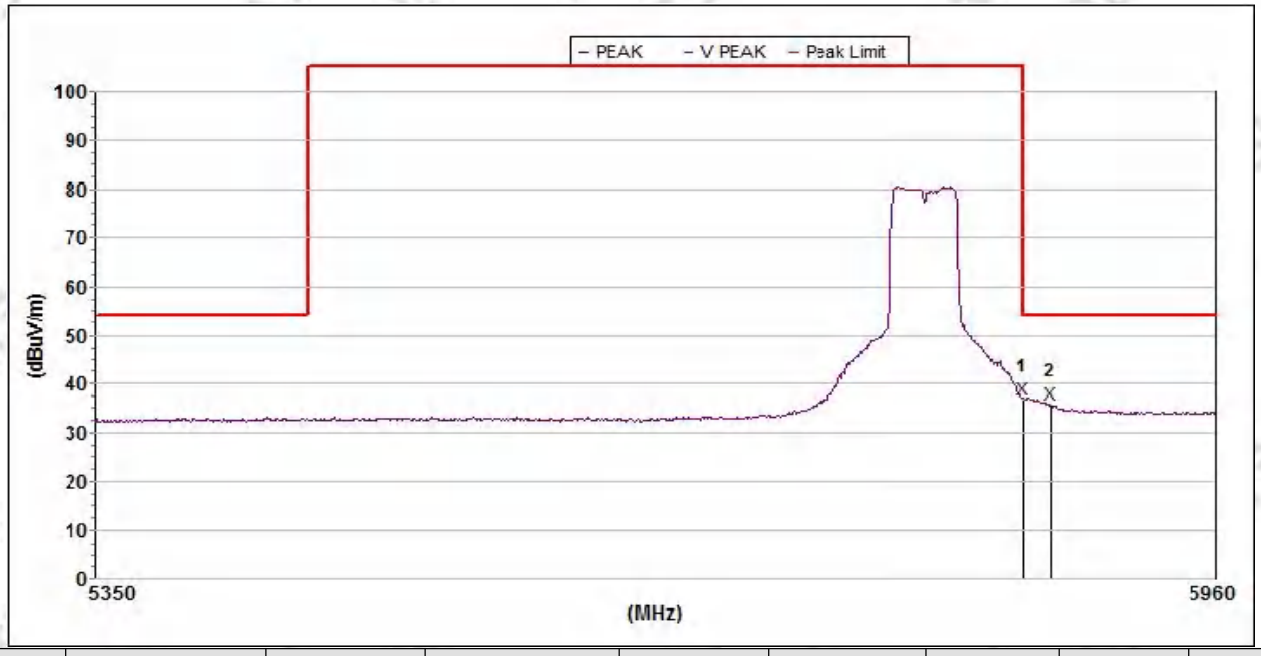
GFSK-High

802.11n40_5795MHz



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	40.8	54.0	13.2	33.9	58.1	4.1	H
2	5859.818179	39.7	54.0	14.3	33.9	58.1	4.1	H

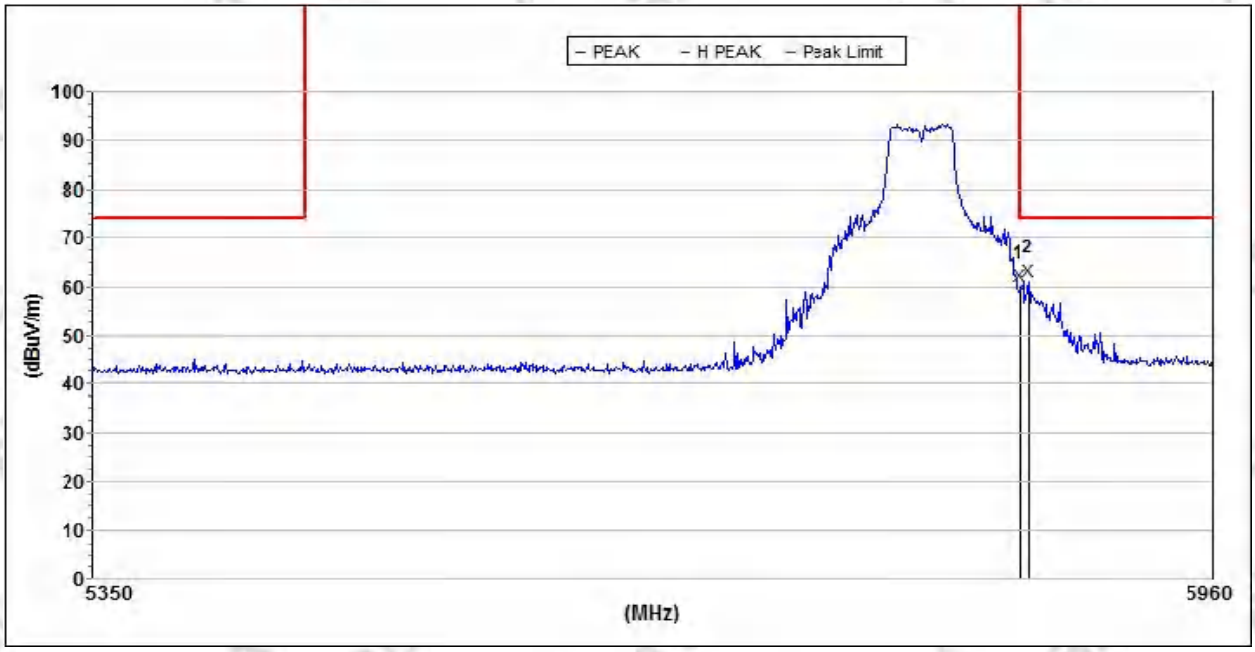
Vertical



Mk.	Frequency	Level	Limit	Margin	Ant.F/G.	Amp.G.	Cbl.L.	Pol.
	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(dB)	(dB)	
Avg								
1	5850.010000	36.9	54.0	17.1	33.9	58.1	4.1	V
2	5865.515314	35.7	54.0	18.3	33.9	58.1	4.1	V

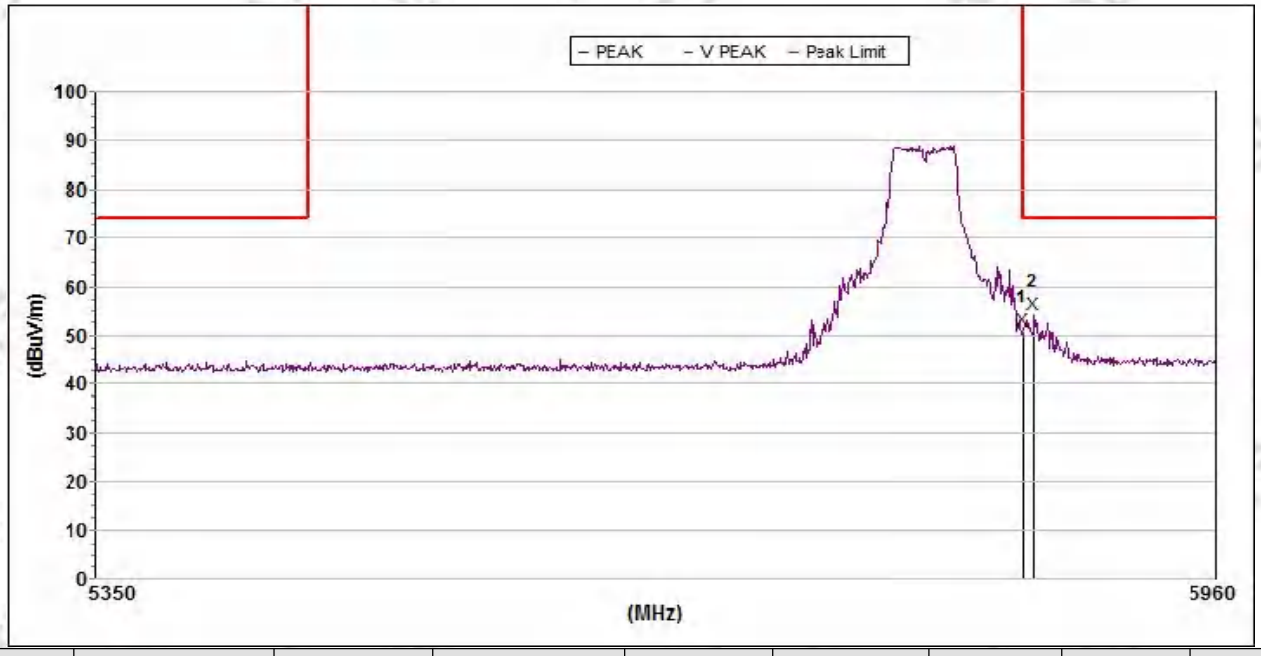
GFSK-High

802.11n40_5795MHz



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	60.3	74.0	13.7	33.9	58.1	5850.010000	H
2	5854.758704	61.3	74.0	12.7	33.9	58.1	5854.758704	H

Vertical



Mk.	Frequency (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Ant.F/G. (dB/m)	Amp.G. (dB)	Cbl.L. (dB)	Pol.
Peak:								
1	5850.010000	51.1	74.0	22.9	33.9	58.1	4.1	V
2	5856.023163	54.3	74.0	19.7	33.9	58.1	4.1	V

Note：All modes have been tested, All TX Mode, the worst case

is(5150MHz-5250MHz),(5250MHz-5350MHz),(5470MHz-5725MHz),(5725MHz-5850MHz)802.11a,802.11n20,802.11n40,802.11ac80,only show the worst case

4. POWER SPECTRAL DENSITY TEST

4.1. LIMIT

4.1.1 For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.1.2 For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.1.3 For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antenna directional gain is greater than 6 dBi, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.2. TEST PROCEDURE

The setting follows Method SA-1 of FCC KDB D02 General UNII Test Procedures New Rules v01r03.

For devices operating in the band, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBW less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (*i.e.,* 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

a) Set RBW ≥ 1/*T*, where *T* is defined in section II.B.I.a).

b) Set VBW ≥ 3 RBW.

c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500kHz/RBW) to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10 log (1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.

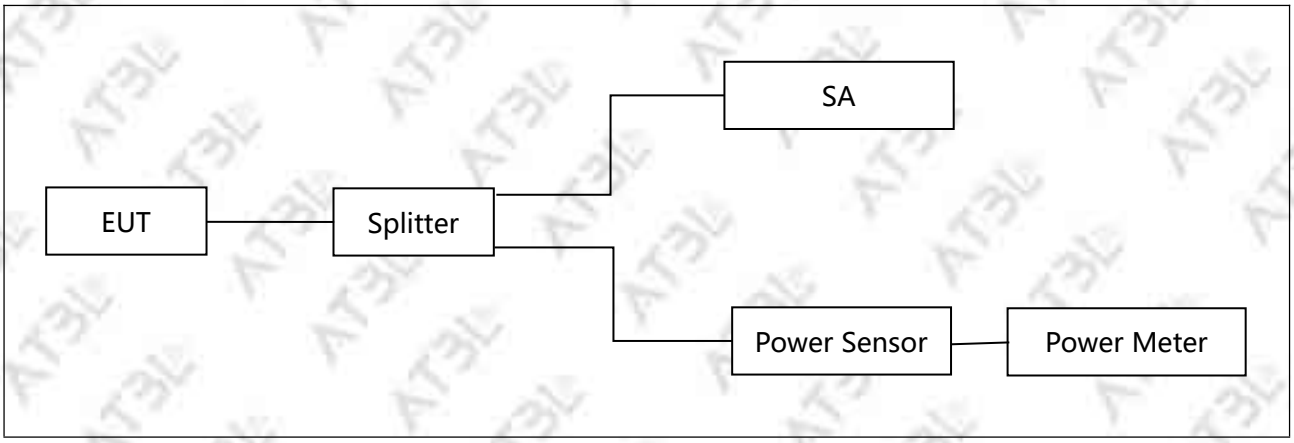
e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections5.c) and 5.d) above, since RBW=100 kHz is available on nearly all spectrum analyzers.

4.3. DEVIATION FROM STANDARD

No deviation.

4.4. TEST SETUP



4.5. EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

4.6. TEST RESULTS

5150MHz-5250MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0	2.6	0.34	4.093	4.433	17	PASS
40	5200	0	2.6	0.34	4.066	4.406	17	PASS
48	5240	0	2.6	0.34	5.851	6.191	17	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0	2.6	0.07	3.183	3.253	17	PASS
40	5200	0	2.6	0.07	3.353	3.423	17	PASS
48	5240	0	2.6	0.07	4.642	4.712	17	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
38	5190	0	2.6	0.32	0.597	0.917	17	PASS
46	5230	0	2.6	0.32	2.350	2.670	17	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0	2.6	0.05	1.695	1.745	17	PASS
40	5200	0	2.6	0.05	1.631	1.681	17	PASS
48	5240	0	2.6	0.05	3.357	3.357	17	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
38	5190	0	2.6	0.19	-1.442	-1.252	17	PASS
46	5230	0	2.6	0.19	0.259	0.449	17	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
42	5210	0	2.6	0.65	-2.955	-2.305	17	PASS

5250MHz-5350MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
52	5260	0	2.6	0.34	5.709	6.049	30	PASS
60	5300	0	2.6	0.34	5.560	5.900	30	PASS
64	5320	0	2.6	0.34	5.128	5.468	30	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
52	5260	0	2.6	0.07	4.446	4.516	30	PASS
60	5300	0	2.6	0.07	4.425	4.495	30	PASS
64	5320	0	2.6	0.07	3.961	4.031	30	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
54	5270	0	2.6	0.32	1.954	2.274	30	PASS
62	5310	0	2.6	0.32	2.373	2.693	30	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
52	5260	0	2.6	0.05	3.249	3.299	30	PASS
60	5300	0	2.6	0.05	3.041	3.091	30	PASS
64	5320	0	2.6	0.05	2.031	2.081	30	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
54	5270	0	2.6	0.19	0.508	0.698	30	PASS
62	5310	0	2.6	0.19	0.707	0.897	30	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
58	5290	0	2.6	0.65	-2.690	-2.040	30	PASS

5470MHz-5725MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
100	5500	0	2.6	0.34	5.595	5.935	30	PASS
116	5580	0	2.6	0.34	4.626	4.966	30	PASS
140	5700	0	2.6	0.34	3.777	4.117	30	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
100	5500	0	2.6	0.07	4.084	4.154	30	PASS
116	5580	0	2.6	0.07	3.168	3.238	30	PASS
140	5700	0	2.6	0.07	2.454	2.524	30	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
102	5510	0	2.6	0.32	1.369	1.689	30	PASS
110	5550	0	2.6	0.32	0.987	1.307	30	PASS
134	5670	0	2.6	0.32	-0.915	-0.595	30	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
100	5500	0	2.6	0.05	2.403	2.453	30	PASS
116	5580	0	2.6	0.05	1.554	1.604	30	PASS
140	5700	0	2.6	0.05	0.431	0.481	30	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
102	5510	0	2.6	0.19	-0.214	-0.024	30	PASS
110	5550	0	2.6	0.19	-1.144	-0.954	30	PASS
134	5670	0	2.6	0.19	-2.963	-2.773	30	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
106	5530	0	2.6	0.65	-3.536	-2.886	30	PASS
122	5610	0	2.6	0.65	-7.138	-6.488	30	PASS

5725MHz-5850MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0	2.6	0.34	5.211	5.551	30	PASS
157	5785	0	2.6	0.34	4.771	5.111	30	PASS
165	5825	0	2.6	0.34	4.302	4.642	30	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0	2.6	0.07	3.635	3.705	30	PASS
157	5785	0	2.6	0.07	3.806	3.876	30	PASS
165	5825	0	2.6	0.07	2.671	2.741	30	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
151	5755	0	2.6	0.32	1.019	1.339	30	PASS
159	5795	0	2.6	0.32	1.061	1.381	30	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0	2.6	0.05	2.103	2.153	30	PASS
157	5785	0	2.6	0.05	2.001	2.051	30	PASS
165	5825	0	2.6	0.05	1.071	1.121	30	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
151	5755	0	2.6	0.19	-0.624	-0.434	30	PASS
159	5795	0	2.6	0.19	-1.440	-1.250	30	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
155	5775	0	2.6	0.65	-3.065	-2.415	30	PASS